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AMERICAN POULTRY WORLD

JANUARY, 1913

Vol. IV

No. 3

INDUSTRY

PROGRESS

ECONOMY



AMERICAN POULTRY PUBLISHING COMPANY
BUFFALO, N.Y., U.S.A.

AMERICAN POULTRY WORLD

Published the First of Each Month by the
AMERICAN POULTRY PUBLISHING
COMPANY

158 Pearl St., BUFFALO, N. Y.

President GRANT M. CURTIS
Vice-President A. O. SCHILLING
Secretary-Treasurer WM. C. DENNY

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It is positively guaranteed that during the
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particulars.

American Poultry Publishing Company

Advertising Rates Made Known on Application

Entered at the post-office, Buffalo, N. Y., as second-
class mail matter.

50,000 FOR JANUARY, 1913

E. D. Corson, Secretary-Treasurer of the Corson
Manufacturing Co., printer and binders, being
first duly sworn, states that that company has a
contract for and is printing and binding fifty
thousand (50,000) copies of the January, 1913,
number of the AMERICAN POULTRY WORLD.

E. D. CORSON.

C. B. KOON, Commissioner of Deeds.

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NOTICE TO ADVERTISERS

ALL advertisers are requested to send copy for ad-
vertisements to this office as early as possible. We
again call attention of advertisers to the fact that
all who desire to make changes in their advertise-
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BY THE FIFTH OF THE MONTH AND ALL ADVERTIS-
ING COPY MUST BE RECEIVED NOT LATER THAN
THE FIFTEENTH OF THE MONTH PRECEDING DATE
OF ISSUE.



MAMMOTH

MALINES

Black and White



QUEEN OF BROWN EGGS

Our yards contain winners at the Crystal Palace Show. A number of imported birds for sale. Write for prices and book on this great utility fowl. It's free for a stamp.

MANHATTAN FARMS, Box B, BRIGHTON, N. Y.



YOURS FOR LARGE WHITE EGGS AND LOTS OF THEM (shyly) The Campine Hen!

KENNEDY'S IMPROVED CHAMPION STRAIN

SILVER and GOLDEN **CAMPINES**

The fowl with a character all their own—a beautiful bird dignified in action, symmetrical in structure, aristocratic in bearing, very tame and friendly and exceptionally hardy. *Campineology* (second and greatly revised edition) will be off the press early in January and will be an encyclopedia on The Campine Fowl. "The living money makers" showing colored cuts and many classy illustrations, in fact it will be a work of art—send for a copy at once as the second edition will be limited, stating if you will be interested in eggs for hatching or not for the coming season. (ten cents to pay postage will be appreciated.) **FOR SALE—I have a few birds left that I can afford to part with.**

J. FRED N. KENNEDY,
Box B, BIRCH CLIFF, ONTARIO, CANADA



PUBLISHERS' DEPARTMENT



The past year has been an unsatisfactory one to poultrymen in general, the unusually severe winter of 1912 was the beginning of adverse conditions that continued until late in the season. For the past few months, however, favorable reports have come from breeders in all sections of the country and it is believed that conditions are reaching the normal stage, and that the present year will be a most prosperous one for the poultry industry. The past year has not been without its good influences, the results of which are that many breeders are in better position to serve their customers than ever before.

Readers of this magazine who are in the market for stock, eggs or day old chicks should study the advertising columns carefully, select the breeder with whom your order is to be placed and place it early. It helps him to give you better service and eliminates the chance for disappointment on your part. When you neglect to order eggs for hatching or day old chicks until you are ready to care for them, there is liable to be some delay in filling the order, which is not conducive to good feeling toward the advertiser. You get impatient at the delay and perhaps write him in very uncomplimentary terms. Save yourself this injustice by placing your order early. We believe every advertiser in A. P. W. to be responsible and to this end we guarantee all readers against loss through misrepresentation or fraudulent claims of any advertiser whose advertisement appears in these columns, (see our guarantee in the first column on opposite page.)

In the October issue we published an article entitled "The Business Hen Versus The Dairy Cow," in which the author, O. W. Mapes, described The Orange County Poultry House. This article created a great deal of interest among our readers, and so many requests have been received for more information concerning this style of house, that we have prevailed upon Mr. Mapes to tell us more about it and the second installment will appear in the February issue.

"Glimpses of The Poultry Industry in China," is the title of an intensely interesting article on the poultry industry in "the Orient." The Chinese incubator and the methods of incubation are described. Also many other interesting features including a marketing incident. This will appear in our next issue.

A full account of the Great Madison Square and Boston Poultry Exhibitions will also be published in the February issue together with many other interesting and educational articles in addition to those already noted.

OF SPECIAL INTEREST IN THIS ISSUE

The third installment of Mr. Drevestedt's article "Judging Standard-Bred Poultry" comes first. This article deals exclusively with American breeds and is a complete lesson on the art of judging and no doubt will be read with benefit by, not only those who aspire to judge poultry, but by many who have already received their license.

Next comes the second article by Dr. Snook, entitled "More About Roup." This was written at our solicitation and will answer the many questions of our readers who evidently were deeply interested in the Doctor's first contribution, as their many queries will testify. The statements set forth in this article are Dr. Snook's own conclusions and were arrived at after long experimentation.

O. Wilson, who has written on the egg laying contests in previous issues, has contributed an article on "The Ration and Its Influence on Egg Production," which furnishes much food for thought. He uses the rations fed during the two laying contests for comparison and puts the question of ration or breeding, which we hope will be answered by our readers.

The third installment of those interesting short articles in which breeders quote actual experiences in poultry raising will be found very interesting. There is no way that offers a greater opportunity for progress than an exchange of experiences. Send in yours, dear reader.

A very complete report of the two big shows of the month, "The Grand Central Palace" and the "Chicago Coliseum," is supplied by Wm. C. Denny, who was in attendance at both events.

The four full page illustrations, one each, of White Wyandottes, White Orpingtons, Silver Campines and White Leghorns, should prove interesting in as much as they portray the types of recent winners in each of these varieties and may be studied as representing modern type by those who desire a fuller conception of what the standard type really is.

In the pages that follow will be found many other interesting and instructive short articles, besides the different departments, which each month are full of valuable information on various topics. In "Poultry World Affairs" will be found recent happenings and other items of present interest in the poultry industry. The Standard-bred Department should be read by all, as many questions are asked and answered here that may be of immediate help to you in your poultry operations. Then the Experience Exchange, The Question and Answers Department, etc., have their educational value and should be carefully reviewed each issue.

In our popular poultry library are books that fully cover every branch of the poultry industry. One of these books will bring you the years of experience of practical poultry raisers told in their own words. A full list with complete description will be mailed free upon request. Make yourself more efficient by adding to your knowledge that of others, who have spent a lifetime to obtain it.

MONMOUTH QUALITY

At the great S. I. P. A., Atlanta, Ga., Show, December 16-21, was keenly demonstrated by the sweeping victory of *Monmouth S. C. Buff and White Leghorns*. In Whites won—1, 2, 3 cock; 1, 2, 5 hen; 2, 3, 4, 5 cockerel; 1, 2 pen and *Champion and Sweepstakes Cock of the Show*. In Buffs won—2, 3, 4, 5 cock; 1, 2, 4, 5 hen; 2, 3, 5 cockerel; 1, 3, 4, 5 pullet; 2, 3 pen. Also two silver loving cups and many specials. These winnings were made in competition with the cream of the Southern States and the result speaks for itself. A grand lot of exhibition and utility birds in both varieties on hand. We are booking egg orders and you cannot afford to wait so write us at once stating your wants. Our matings this season are superb. Our 1913 Catalog and Mating List will be ready for mailing about February 1st.

NOTE.—Send 25 cents for a reproduction in colors of Schilling's wonderful oil painting of the greatest trio of S. C. Buff Leghorns ever bred. A masterpiece worth having.

Monmouth Farms,
J. C. PUNDERFORD, Owner

Freneau, Mon. Co., N. J.
THOMAS LOCKWOOD, Supt.

CHAMPION BUFF WYANDOTTES

Again prove their superiority above all others

At the Great Chicago Show, December 1912

in one of the largest and best classes of Buff Wyandottes ever cooped we won

1st and 2nd Old Pen

1st Pen Young

2nd and 4th Cocks

1st, 2nd and 5th Hen

1st and 2nd Pullets

Shape and Color Specials

Also Championship Silver Cup for Best Display

Our handsome illustrated mating list mailed free.

BUCKEYE POULTRY FARM,

BESUDEN BROS.,

Box 359-W,

CINCINNATI, OHIO

RHODE ISLAND REDS

Chicago, Ill., 1912:

What was considered to be the best show of *Rose Comb Rhode Island Reds* ever held in America, we won the leading prizes, the total winnings being 70 points, our nearest competitor winning only 28 points, the total winning of our next three competitors combined being only 68 points. We won as follows:

1st, 2nd and 3rd Cocks, 1st and 2nd Old Pens, 3 Cockerel, 2 Hen, 3 Young Pen, CHAMPIONSHIP MALE 83 males competing, \$50 Silver Cup for the Best Display.



On the last day of the show, we purchased the entire flock of Owen Farms. Bill of sale below:

TO WHOM IT MAY CONCERN.

This is to certify that we have this day sold to **BUSCHMANN-PIERCE Red Farms** our entire flock of R. C. R. I. Reds including all our Winners and selected breeders. Among the winners being 1st cock; 2nd Hen; and 1st Pen at Madison Square Garden, December, 1911; the cock that won 3rd at New York, 1911, also first at Nashville and Memphis, 1912; and the first Memphis Cockerel, 1912. This flock is one of the finest in America and added to their already great flock will make them unbeatable.

(Signed)

OWEN FARMS,

Maurice F. Delano, Manager.

We have our pens now mated for the egg trade. Book your orders for eggs from the Greatest Matings ever put together for this breed.

OUR BEAUTIFUL CATALOGUE of sixty-four pages and cover contains many articles on raising and caring for poultry in large and small flocks. It will also tell you why the Rhode Island Reds are the best breed in the world. This catalogue has cost us a great deal to prepare and is too costly to send out promiscuously. We will send this postpaid for 20 cents in cash or stamps. Address all mail to

Buschmann-Pierce Red Farms,

Box 30,

Carmel, Ind.

Rose and Single Comb Rhode Island Reds.

W. C. PIERCE, Gen. Mgr.

Write Your Own Guarantee

We have started out to convince 100,000 users of Incubators that they can't afford to take off a single hatch until they have equipped themselves with our



**Ajax
Improved**

Oxygen Vitalizer



Read--Sworn Proof

F. J. RUSSELL,

Breeder of High Class Poultry.

Summerdale, N. Y., July 12, 1912.
Reliable Poultry Specialty Co.

Gentlemen: It affords me much pleasure to furnish you with a report of my work with your AJAX IMPROVED OXYGEN VITALIZER for 1912. From my first hatch, I secured a big, strong chick from every egg but two. On the second hatch a chick from every egg but six, and on my third hatch of the season 307 chicks from 307 fertile eggs. I cannot speak too highly of the great worth of this truly wonderful device, and I heartily recommend it to all poultrymen and poultrywomen throughout the world.

With best wishes, I am,

Very sincerely yours,

MRS. F. J. RUSSELL.

Under Sworn to before me this 12th
Seal day of July, 1912.

C. R. CIPPERLY,
Notary Public.

BULLETIN

N. Y. State College of Agriculture

"OXYGEN is essential to normal development, the amount required increasing with the growth of the embryo. The eggs give off carbon dioxide and this increases as the embryo grows."

The Ajax Improved Oxygen Vitalizer delivers just the right amount of oxygen, 99 3-10 per cent. pure, to the egg chamber just when the chicks need it most. **RESULTS! A Big, Strong Chick from Every Egg.**

See Mrs. Russell's Letter Above.

Berwyn, Pa., Nov. 1, 1912.
Reliable Poultry Specialty Co.
Alexander, N. Y.

Gentlemen: So that you may fully realize what your AJAX IMPROVED OXYGEN VITALIZER did for me in 1912, I respectfully submit the following.

One Vitalizer costing \$3.50 saved me \$126.80 the very first season.

In my experimental work I fully proved to my entire satisfaction that the AJAX IMPROVED OXYGEN VITALIZER is a positive preventive of chicks dying in the shell and of White Diarrhoea.

You may use this letter as fully as you choose because the Poultry World ought to know the real value of this wonderful scientific device.

I wish you much success for 1913.

Yours very truly,

MARY D. NEWCOMB.

So overwhelming has been the proof which we have received from those who used the Vitalizer last season, that we make and pack with every Vitalizer that leaves our factory, a printed and officially signed "Money Back" guarantee. We guarantee that the Ajax Improved Oxygen Vitalizer will produce a big, strong, vigorous chick from every hatchable egg placed in your incubator. We guarantee that it will prevent chicks dying in the shell and White Diarrhoea; and we furnish you with sworn proof of these facts printed on this page. If you have any doubt as to the strength of our guarantee, write one for yourself. Make it just as strong as you want to. All we ask is that you will carefully follow our instructions, and in all respects give the Vitalizer fair play. It will do the rest. We will cheerfully sign your guarantee, and return it to you with the Vitalizer. **Oxygen is Life.** Without Oxygen in the air that we breathe, we would die. The New York College of Agriculture tells you that Oxygen is essential to the normal development of your chicks. They also tell you that "the eggs give off quantities of Carbon Dioxide." Carbon Dioxide is simply another name for Carbonic Acid Gas. Carbonic Acid Gas in the quantities that are found in the egg chamber of your incubators, is **poisonous**. "Dead in the shell" chicks are the direct result of this poisoning. Oxygen, as a powerful germ destroyer, purifies the air, overcomes the effects of the poison, and the chicks hatch, live and are free from White Diarrhoea. The Vitalizer costs \$3.50, complete, ready for use, delivered to you anywhere in the United States. It can be attached to any incubator in two minutes, and is so simple that anyone can operate it. One Vitalizer, bought by Miss Mary Newcomb, saved her \$126.80 the very first season. Her report is printed on this page for your information. If you have any doubts as to the truthfulness of it, write her, but kindly send stamp for reply. The best feature of the whole thing is that you don't have to take any chances in order to see for yourself the truthfulness of every statement that we make. The first thing to do is to send us your order. Do it to-day. Send along your own guarantee if you want to, but please get ready for that first hatch. We publish a valuable booklet on oxygen that we will gladly send you free, upon application.

RELIABLE POULTRY SPECIALTY CO.

Main Street, Alexander, N. Y.

\$50.00 in Gold will be Given Away

To make sure that the VITALIZER is given FAIR PLAY, and to secure the interest of our patrons in the realms of scientific experimental work, we have set aside the sum named above to be divided at the close of the hatching season, among those making the best reports of their season's work, \$25.00 to the first, \$15.00 to the second and \$10.00 to the third. This contest is open to every user of our Vitalizer. No conditions except that all reports shall be received at the office of the Company, properly verified, on or before August 1, 1913. Each report to be placed in a separate envelope and marked "Vitalizer Contest." Reports will be passed upon by a disinterested committee, and awards made on or before September 1st, 1913.

FISKE'S WHITE LEGHORNS

Have won more specials in the last four years than other White Leghorn breeders in the world and we raised and bred them too. A few fine show birds for sale.

SKYLANDS FARM, STERLINGTON, N. Y.

HARLO J. FISKE, Manager



Mr. F. E. Bennett
of Ohio



Mrs. Laura J. Clark
of Illinois



Mr. Geo. W. Black
of Indiana



Mrs. M. J. Clifton
of Oklahoma



Mrs. F. H. Osman
of Ohio



"Tycos"
Cup

Let Jim Rohan and His World's Champions Tell YOU How To Get In The Championship Hatching Class

LET ME tell you how YOU can get World's Championship hatches—how YOU can beat every other incubator in your neighborhood—how YOU can make *more money* with *least expense* and *least effort*. Just write me a postal. I want to send you all the *facts*. I want to tell you about my 6-time World's Champion Belle City Incubator. I want to tell you how these champions won their prizes and how you can win a championship too. I will tell you how to make the wisest selection of an incubator and brooder; how to save the most money. I want to quote you a price on my 6 time World's Champion Belle City, that you will be *delighted* with. I'll tell you about my manufacturing, selling and shipping plan that makes my amazing low price possible. I want to tell you about my 1, 2 or 3 months' home test plan—and my 10 year money-back guarantee. Just write me. I'll tell you why my

Why You Should Write Me

You want to make the most money raising poultry and I want to show you how. That's the best reason in the world why you should write me a postal at once. My World's Champion Belle City has more 100 per cent hatches to its credit than any other incubator ever made. That's a fact and I'll tell you other facts equally interesting. Over 195,000 customers all making big money, all in the championship class. Write me and I'll take you into my confidence, tell you secrets and facts, give you information and advice worth big money to you. Address me personally—postal will do.

World's Champion Belle City

is the most consistent winner of World's Champion hatching contests. How they beat others in tests of 10,000 hatches—beat machines costing from two to five times more. I want to tell you exactly how my Belle City is made—how they are different from all others; how I have embodied in them everything worth having in and on an incubator—the features that have made the Belle City the 6-time World's Championship Winner. And I want to tell you all about my brooder—the only Double Walled, Hot Water, top heat brooder made; guaranteed to raise largest percentage of chicks every time.

Write Me a Postal

I want to tell you how my machines are sold direct from factory—no agents, no middlemen—how I give you 3 months home test if you like—how I send them all freight prepaid. All I ask is the chance to *prove* everything to you by sending you all the facts, figures and information. Whether you write to others or not, whether you buy of me or not, you ought to read the news I want to send you, in my big book of Hatching Facts. Won't you write me? Just say "Send World's Championship Hatching Facts." Address me personally. JIM ROHAN, Pres.

Belle City Incubator Co.
Box 117 Racine, Wis.



1, 2
or 3
Months
Home
Test

Money
Back
Offer

Let Me
Send You
My Low
Price

Freight
Prepaid

10 Years
Guarantee

We Ship
Quick
From
St. Paul
Buffalo
Kansas
City
or Racine

DUNE ALPIN POULTRY FARM

Specialty Breeders of S. C. White Leghorns

Make the two greatest wins of the season at Palace N. Y. and Hagerstown, Md. shows



Our Complete Winnings are as follows:

PALACE NEW YORK—Cocks, 1-2-3-4-6-7, Hens, 1-2-3-4-5-6, Cockerels, 1-2-3-4-5-7, Pullets, 1-2-3-5-6-7, Pens, 2-3-4- Specials for best head male and female, best color male and female, best shape female, \$150 Werner challenge cup for best display and Gold Special for best display (any variety) in show.

HAGERSTOWN, MD.—Cocks, 1-4, Hens, 1st, Cockerels, 2-3-5, Pullets, 1-2-3, Pen old, 1st, Pen young, 1st. Special for best Leghorn any variety and Silver Cup for best bird in Mediterranean class.

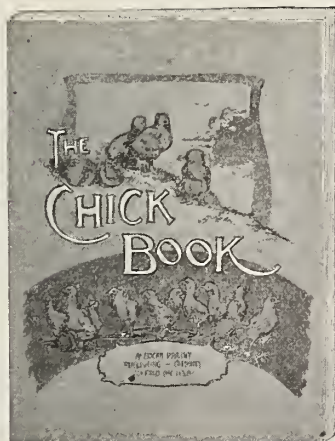
When you stop to think, that these two wins were made in competition with 30 other breeders and that in 1910 and 1911 we won at Palace New York, Boston and Philadelphia Shows, 22 firsts, 13 seconds, 17 thirds, 10 fourths, 9 fifths. 18 Silver Cups and two championship medals. You will concede that we lead in Single Comb White Leghorns. We have hundreds of cockerels and females that can win for you, at very reasonable prices. Breeders from \$3.00 up. We have sold all our White Orpington Stock to S. R. Clark, Harmony Park, Scotch Plains, New Jersey, and hereafter will breed S. C. White Leghorns exclusively. We are now booking orders for hatching eggs. Send for catalogue.

DUNE ALPIN POULTRY FARM,

George J. Kerr, Manager,

Box 165 W,

EAST HAMPTON, L. I., N. Y.



80 PAGES, 9x12 INCHES

NOW IS THE TIME To Hatch Your Winners

It is coming to be a well known fact that many of our most noted prize winners were hatched in June. Many breeders have hesitated about hatching late chicks through fear that they could not raise them. Chicks can be hatched and raised at any season of the year IF YOU BUT KNOW HOW.

The CHICK BOOK

Tells you how. It is a book of thorough and reliable instruction on rearing chicks, both by natural and artificial means. The experience of successful poultry raisers is given, and trustworthy information and advice are furnished on all problems connected with the rearing, developing and fattening of chickens.

NOTE SOME OF THE CONTENTS OF LATEST EDITION

Breeding: Constitutional Vigor—Line Breeding. Felch Line Breeding Chart. Selection of Breeders and Layers. Importance of Strong Germed Eggs.

Incubation. Artificial and Natural Incubation. Environment for Incubators. Ventilation and Moisture in Incubators. How to Set a Hen.

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American Poultry Publishing Co., 158 Pearl Street, Buffalo, N. Y.



THE LEGHORNS

Standard and Non-Standard
Varieties

Most Complete Text Book on
the Popular Leghorn ever
Published



THIS NEW AND GREATLY ENLARGED EDITION, thoroughly revised and brought down to date, consists of 144 large pages and cover. It tells how to select and mate birds for the breeding pen; how to judge Leghorns in the show room; and how to feed for heavy egg yield and fast growth. Some of the great commercial Leghorn egg farms described and illustrated.

Edited by

J. H. DREVENSTEDT,

Breeder and Judge of twenty-five years' experience and member of Standard Revision Committee of 1898, 1905 and 1910.

This new book contains chapters on the following subjects:

"The Leghorn Fowl"—History of origin and development of Leghorn shape, Standard shape, etc. "Leghorn Type"—Evolution of shape, etc. "Brown Leghorns"—Color breeding, virtues and faults, progress, present Standard, etc. "White Leghorns"—All about them. "Buff Leghorns." "Black Leghorns." "Leghorns in England." "Judging Leghorns." "Commercial Leghorn Farms."—Feeding for best results.

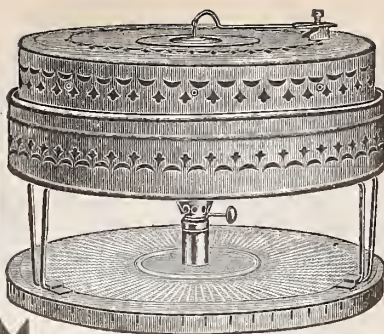
Two Color Plates by F. L. Sewell

These picture ideal White Leghorns and the true colors of Brown Leghorn feathers—invaluable to Leghorn breeders.

Price \$1 postpaid or \$1.25 including yearly subscription to **AMERICAN POULTRY WORLD**. Mailed FREE for four yearly subscriptions to A. P. W. at 50 cents each.

American Poultry World,

158 Pearl Street, BUFFALO, N. Y.



The Perfected Result of
27 Years' Experience in
Practical Poultry Keeping

THE "CYCLE" Hatches in Nature's Way

Because it follows natural principles. These points found in the CYCLE will appeal to you. They are vital to success.

FIRST: The heated air is applied on top of the eggs only, as under the hen. **SECOND:** No direct air passes through the hatcher to carry off the natural moisture in the egg. **THIRD:** Being circular, with the lamp in the center, the radiation is equal throughout the machine. **FOURTH:** The heat is brought close to the eggs with no waste of heated air space. **FIFTH:** Eggs are turned and cooled similar to Nature's way. **STUDY** the hen and investigate the CYCLE. It will pay you.

Our machines were used exclusively in the original Philo System Plant where over \$1500 from 60 hens in ten months has been cleared from the sale of eggs, baby chicks and fowls raised on a city lot 40 feet square. One of the largest plants in America saved over \$700 this year by using our system of brooding. We sell the best brooder ever made for \$2.50.

CYCLE HATCHERS

Holds 50 eggs. Constructed entirely of metal. Self-regulating. Requires no moisture. Will not warp, shrink or crack. Will last a lifetime. Hatches hens', ducks', geese and turkey eggs equally well.

\$6

BROODER-HATCHERS

Holds 50 eggs. A compact, safe and practical incubator and brooder combined. One lamp serving both purposes. Saves about one-half the cost of hatching and brooding chicks.

\$8

Testimonials

Paris, Ky., Feb. 16, 1912.
Cycle Hatcher Company, Elmira, N. Y.

Gentlemen:—Have used your Cycle Hatcher with excellent results. From my first hatch I had forty-seven chickens from forty-eight eggs. Have used two other incubators, but prefer the Cycle to either of those used.

Respectfully,
Mrs. Henry Scott Clay.

Carterton, Clonfield, England, May 20, 1912.
Cycle Hatcher Company, Elmira, N. Y.

Gentlemen:—I take great pleasure in informing you of the great success I have had with the Cycle Hatcher. I also have a sixty-egg machine, but I can hatch more and stronger chickens with the Cycle. I have had hatches of 45 and 40 out of 48 eggs from the Cycle incubator.

Yours truly,
Henry Naseby.

Winona, Wash., Jan. 26, 1912.
Cycle Hatcher Company, Elmira, N. Y.

Gentlemen:—I have one of your splendid Metal Mothers and will say that it is far ahead of any other incubator I ever used.

Yours respectfully,
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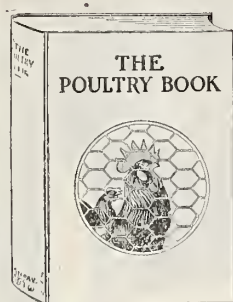
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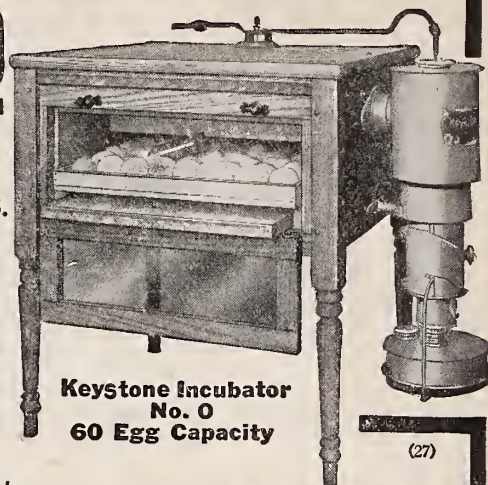
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I purchased a Cyphers 244-egg Incubator last spring and in three hatches from 625 fertile eggs, I got 553 strong, healthy chicks. When chicks were 36 hours old, I placed them in a Cyphers Paradise Brooder and cared for them in it until they were two weeks old.

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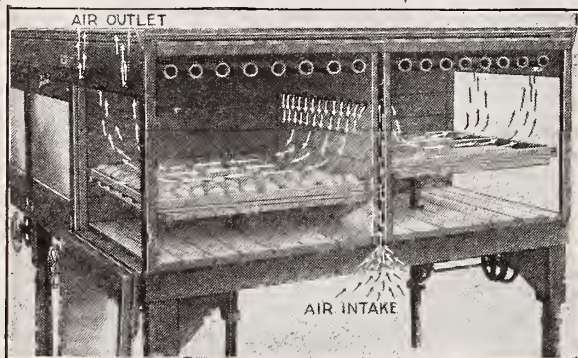
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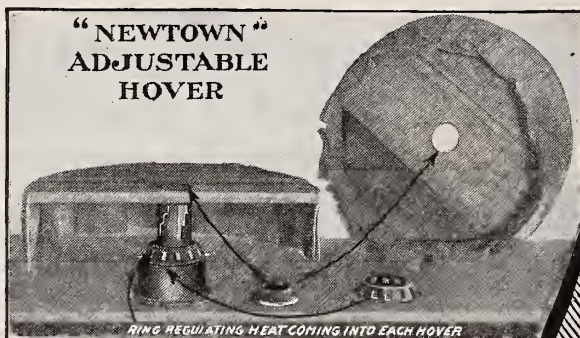


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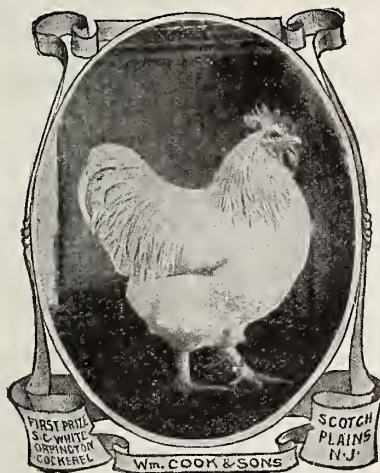


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HOMER W. JACKSON
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Mr. Jackson has been a large-scale poultry raiser. Made a specialty of poultry and fruit combined. For six years conducted the "National Stockman and Farmer" Poultry Farm. Was Associate Editor of that publication. In 1909 became instructor in Poultry Husbandry at Pennsylvania State College and Agricultural Experiment Station. Author of several Poultry books. Farmers' Institute Lecturer. Resigned position at Pennsylvania State College to enter Service Department of Cyphers Incubator Company, June, 1912.



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Mr. Jeffrey has raised Standard Bred Poultry since boyhood. Was Director of Western Ontario Poultry Association 1902-3. Served as Vice-Pres. Canadian Bred Plymouth Rock Club. Was placed in charge of North Carolina Agricultural Experiment Station in 1903. Four years later was advanced to Instructor in Poultry Husbandry North Carolina College of Agriculture and Mechanic Arts. Resigned this position to join Cyphers Company forces. Farmers' Institute Lecturer 1904-11.

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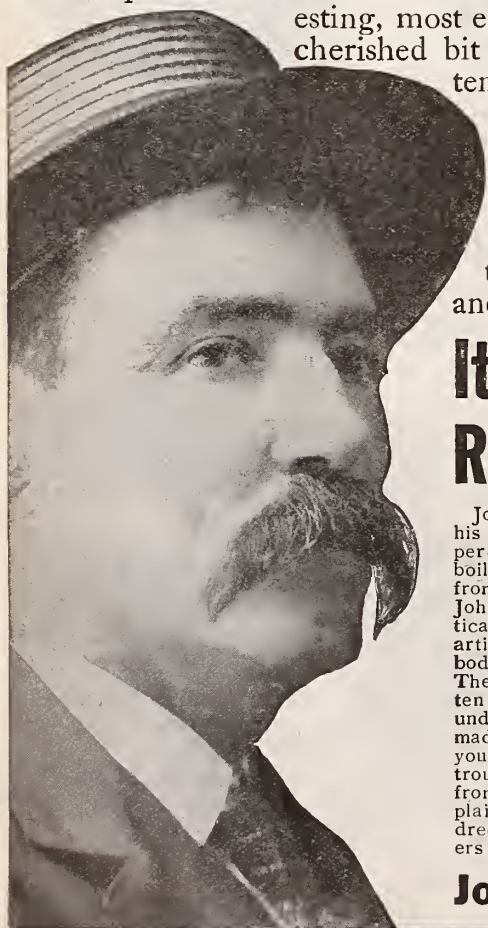
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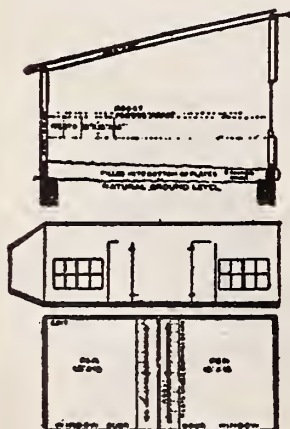
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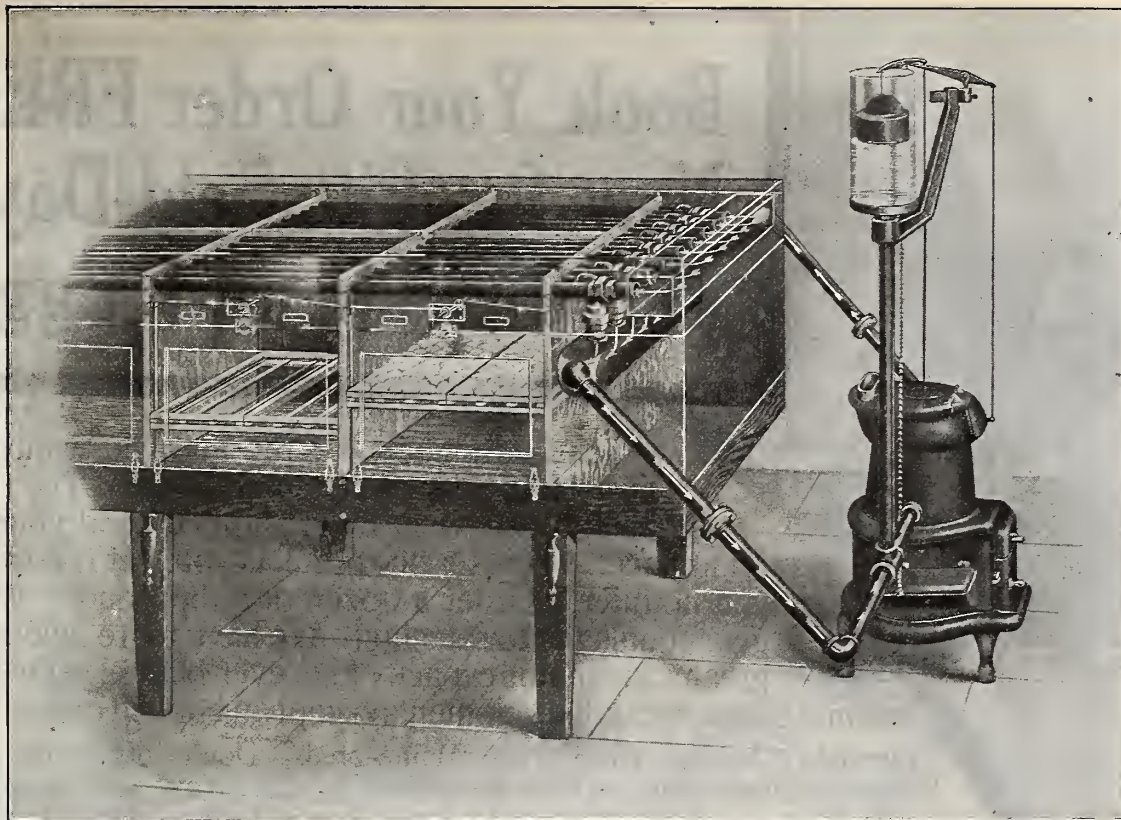
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50	House and Garden	3.10	3.40	3.25	3.40	3.75	3.75	4.00	3.80	3.95
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7	Western Poultry Journal60	—	1.00	1.30	1.95	1.65	1.90	1.70	1.85
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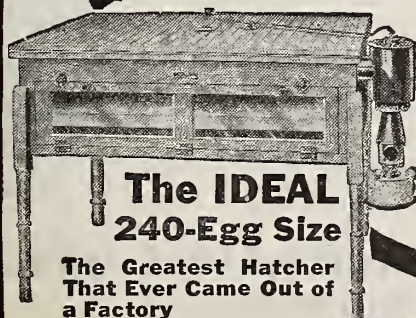
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That Ever Came Out of
a Factory

You don't need to be an expert to run it.

It has a heating and ventilating system that *automatically* supplies required moisture;

—A regulator that will not allow temperature to vary a fraction of a degree;

—The best nursery advantages;

—The handiest egg tray;

—The most accurate thermometer;

—The record for successful hatches, etc.

Last year I sold this sure-profit-paying incubator at a price so low that I gained thousands of new customers. This year I'm going to keep up the good work and this is your chance to get my Ideal incubator at lowest figure ever quoted on an efficient, dependable hatcher.

Here's My 1913 Offer

I'll Pay the Freight—Give You an
Unqualified Guarantee
And Include Everything FREE

—best safety lamp—burner, chimney, wicks, lamp bracket—all complete; also egg tester, egg trays, thermometer and thermometer holder, etc. There'll be no extras to buy. You will get the "Ideal" all ready for your eggs—all ready to make big money right from the start.

Before buying an incubator from anybody be sure to look into my IDEAL and learn the really low price I put upon it. Get the FREE book anyway, whether you are ready to buy now or not.

Send Me a Postal—I'll Do the Rest

When writing, be good enough to mention whether interested in 60, 120, 175, 240 or 360-egg incubator. This will not obligate you in any way, but help me distribute my valuable book among those interested and not curiosity seekers.

This book is worth \$1.00 of anybody's money. You'll be glad you sent for it. Do it now—before you forget it.

J. W. MILLER

J. W. Miller Co., Box 123, Rockford, Ill.

Also manufacturers of Ideal Grain Sprouters. Get prices

J. W. Miller Co., Dallas, Tex.

The Chas. H. Lilly Co., Western Dist.
Seattle or Portland

NOTICE

I have a limited quantity of these books on hand, and so that you may be sure of getting one, please send me your name and address at once.

—MILLER

OWEN FARMS

AND AGAIN I SAY

OWEN FARMS

We are the **AUTHORITY** on **WHITE ORPINGTONS**
We are the **AUTHORITY** on **BUFF ORPINGTONS**
We are the **AUTHORITY** on **WHITE ROCKS**
We are the **AUTHORITY** on **WHITE WYANDOTTES**
We are the **AUTHORITY** on **SINGLE COMB REDS**
We are the **AUTHORITY** on **ROSE COMB REDS**
We are the **AUTHORITY** on **BARRED ROCKS**
We are the **AUTHORITY** on **BLACK ORPINGTONS**

Mr. Platt of the **RELIABLE POULTRY JOURNAL** was in my office last week and he said, "Mr. Owen, do you not think that your advertising would pay better if you took, say one half page on White Orpingtons and Buff Orpingtons alone, and had all of your advertising matter concerning these birds by itself, and then in another place in the paper have a half page including your White Rocks and White Wyandottes, and in still another portion of the paper a half page on Rhode Island Reds, Single Comb and Rose Comb, and in still another place in the paper a half page on Barred Rocks and Black Orpingtons?" I replied to him that I had given the matter a very great deal of consideration and that it had been proposed to me very many times by representatives of other poultry papers, but I was inclined to think that they were wrong.

However, the principal proposition is to advertise as well as we know how **OWEN FARMS**; if there is anything the public ought to know about them, to put it before the public in the strongest possible form. Thus for an illustration: My sister has made up her mind that she will try to raise some turkeys this coming spring. Now she knows nothing about turkeys and I am sure I know nothing about them. Yet some time between now and spring my sister must secure either stock or eggs of turkeys in order for her to commence her work. I ask the question, "What will influence us in the determination of where we will go for

EGGS FOR HATCHING

stock and eggs?" As sure as you are born our decision will be made according to the answering of the following question. "Who is the breeder in the United States of America who has the reputation of being the *Authority* on turkeys; who has the reputation of having good, healthy, vigorous stock, and lastly who has the reputation of being a square man?"

Apply this rule to our advertising, and I say without question the important thing for Owen Farms to put before you is that they are **THE AUTHORITY** on the varieties they breed and sell. Our winnings at the largest shows in America have proved this point beyond question. We have been larger and more consistent winners in the strongest competition than any other farm in the country. This means that we know birds, their value, their perfection and their possibilities of winning. It also proves that we know how to breed them, and if we do know how to breed them we can help you and furnish you the birds to do it.

I take pleasure in submitting to you below **TEN** very good reasons for purchasing your exhibition birds, your foundation stock of breeding birds, or your eggs for hatching from **OWEN FARMS**:

1. Our farm is founded on a "Hobby" to produce the Best Poultry the World Knows.
2. Our business organization, managers, men are the strongest possible.

3. Our "Proof of Quality," meaning our Winning Record, has never been approached.

4. Our liberality in value giving and in general care of our customer stands as an example for all others to follow.

5. Our frank statement that you are under no obligation to **OWEN FARMS** until you have seen and Accepted what you buy makes your Satisfaction sure.

6. Our having the highest Quality in Quantity makes your breeding results certain from the start.

7. Our methods, plans and conditions are formed, changed and improved solely that our customer may be better served.

8. Our desire over and beyond everything else is to be known as the one Poultry Farm in the United States as faithful yesterday, today and tomorrow to the trust imposed in them by their customers.

9. Our ideas of value are based upon the broadest knowledge and we make less mistakes than any farm and mean that all mistakes shall be made against ourselves.

10. Our position of being **THE AUTHORITY** on our breeds cannot be seriously questioned. Winning **27 FIRSTS** at New York last show in most prominent classes in show proved it. Who would ask the opinion of a breeder who had never won at New York or produced a New York winner, whether a certain bird would win at Madison Square Garden? Who?

As you know, we are not showing at Madison Square Garden, New York, this year. We have made a number of showings at the early shows, notably at Nashville, Memphis, Atlanta and Augusta, where we have truly won nearly everything that it was possible to win with the birds entered. We are making a showing this week at Chicago, and I am sure in advance that we shall have no reason to be anything else than proud of our winnings there. This will practically end our show season and as soon as these birds return, which they will within a few days, we shall be able to make up our matings headed by numerous and wonderful winners in a large number of the largest shows in the country, certainly making them stronger, better and more valuable than ever before in our history. It is our purpose to make this the most wonderful and successful season in **EGGS FOR HATCHING** that **OWEN FARMS** ever had.

Our prices and conditions for eggs will be exactly the same as last year, namely, \$1.00 per egg, \$40.00 for 50, and \$75.00 for 100. The conditions concerning the guarantee, the fertility, hatch and all details may be had upon application for our mating list.

In one respect, however, we shall change our methods from last year. For several years we have not sold a whole sitting of eggs from a particular pen. This year in addition to our method of sale during the last few years we

OWEN FARMS, 115 William Street, VINEYARD HAVEN, MASS.
WM. BARRY OWEN, Proprietor MAURICE F. DELANO, Manager

OWEN FARMS

shall permit you, under certain conditions, to select a particular pen and receive a whole sitting from that pen. In some cases, with a very limited sale from that pen in this manner, we shall ask \$3.00 an egg. In other cases we shall ask \$2.00 an egg, and I am positive that when you see our mating list, including the description of the birds contained in the pens from which these eggs will come, you will be positively satisfied that they are the ones you want and that they are bound to give you the results you will anticipate.

As we have been saying to you in this journal from time to time this autumn, we never had so many birds as this year and never so good ones, and as we shall have during the breeding season a goodly number of very high class reserve breeding males to carry over for the following year and a large number of sale birds of remarkable value, we have decided to mate up pens of these birds in all of our varieties and furnish eggs from them at \$5.00 per sitting of 15 eggs, or \$30.00 per 100. We have very great confidence in the results that will be obtained from these matings. The blood lines in these birds are just the same as in higher priced pens. Individuals, while not of course as choice as in the higher priced pens, yet are each and every one remarkably good birds and the chance of getting exceptional birds and remarkable value from these matings is assured.

FOUNDATION STOCK

From the time this advertisement appears right through the breeding season we shall be in far better position to furnish you remarkable birds for strengthening a flock which you now have, or for furnishing you an entire new flock for foundation purposes. We will be only too pleased to go into the matter with you fully, telling you exactly the quality and kind of stock it is desirable and necessary for you to have in order to secure certain results, and you may depend upon it that the results you will secure will be in accordance with what we may lead you to expect.

OUR CATALOGUE

We still have a very large number of our 131-page catalogue on hand, very profusely illustrated, which we are ready to send out upon request. It includes our mating list of last year, so that you can compare it and see our pens as put together last year alongside of the pens as mated up this year. It is this study upon the matings year by year that has made the progress and the results of OWEN FARMS possible and wonderful. It is quite an education in itself to compare the matings of one year with the matings of the following year. The catalogue is sent postpaid and entirely free.

OWEN FARMS, 115 William Street, VINEYARD HAVEN, MASS.
WM. BARRY OWEN, Proprietor MAURICE F. DELANO, Manager

WHITE ORPINGTONS

Superb Type and
Superior Quality

MY FIRST SHOW 1912
TEXAS STATE FAIR

First, Second and Fourth Cock; First, Second and Fifth Hen; First, Second and Third Cockerel; First, Second, Third and Fourth Pullet; First and Second Pen.

MY birds are absolutely white, of that deep bodied type, low down on legs, up to weight and I know that I can please you. At the last and greatest show held at Madison Square Garden I again control the winning male birds. My winnings include first cock, third hen, fifth pen and the cockerel heading the first pen. The winning cock is without doubt the greatest White Orpington in the world, having defeated the Crystal Palace Champion and all the great cocks of America. These great birds together with my other prize winners, place *Russell Cave White Orpingtons* far in the lead. Both at Allentown and Augusta, two shows I made last year, I won at each the cup to that exhibitor whose ten or more birds of one variety showed the highest degree of excellence and uniformity of type and breeding. This record of winning in two of the most important poultry shows in this country, the cup for the ten best birds has never been equaled by any other breeder in America.

GREAT STAMINA AND VIGOR

are to be found in my birds, not usually found in White Orpingtons. I attribute this to strong foundation breeding stock, our pure air and the blue grass range, 100 acres in Russell Cave Poultry Yards and 7,000 acres in Elmendorf Farm. The above statement is proven when we tell you that we now have the grandest lot of youngsters up to weight and ready to win the blue ribbon for you. Every bird guaranteed as represented and sold with the privilege of return. Write us today. Duroc-Jersey Swine for sale.

RUSSELL CAVE POULTRY FARM, R. R. 3, Box 2025, LEXINGTON, KENTUCKY

ELMENDORF STOCK FARM

LOUIS LEE HAGGIN, Proprietor

CANDEE

Automatic Safety Custom Hatcher

The Candee shown in this picture does the work of 34 small machines.

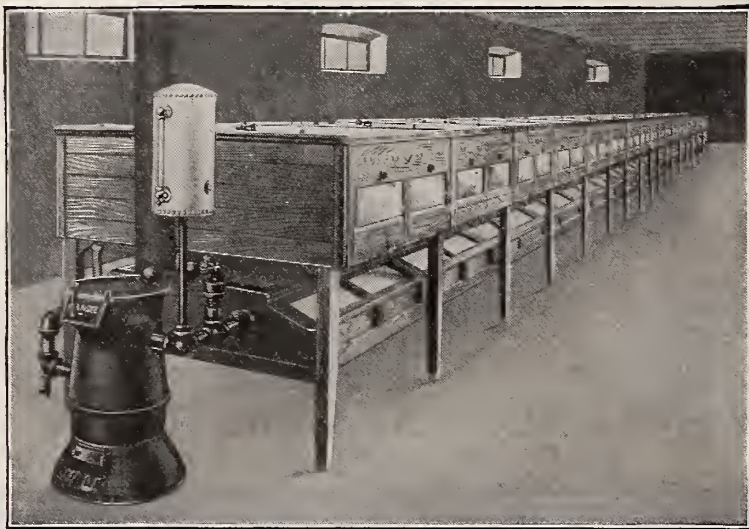
One man or woman can run it without help.

The full machine in three and one-half months at \$2 a tray, earns \$1360.00

Other sizes figure in proportion.

Double the number of Candee hatchers have already been ordered for this spring.

Can you afford to let this opportunity slip away when you can make money from the very start?



This is a 10,200-egg Candee, made up in sections with 34 hatching compartments of 300 eggs each.

The Candee is the World's Standard Incubator

The 1913 model is approved by the *leading* poultry authorities of the United States and Canada.

It is *easily* installed—uncrate and set it up on its legs.

It is *completely* built at our factory. Don't overlook this feature.

It is automatic—holds a steady even temperature in each compartment.

The egg trays are *stationary*—not moved up or down by hand *after* the operator sees that the eggs are being under or over heated.

It is the *only* so-called mammoth with *automatic heat control* in the egg chambers—the accepted practice on every *small* incubator.

In operation, it is simple and practical, not requiring expert attention or knowledge, built for service and results.

Adjustable Hover Brooding Systems

Let us solve your brooding problems. We originated the hot water brooding system.

Our *adjustable* hovers give *fractional* degrees of healthy heat and are so convenient for the varying ages of chicks.

The picture shows the brooder with the removable front out.

The hover is turned up or down like a piano stool.

We Reply By Return Mail

Time is precious and we are prepared to save time for you. Our incubators are furnished in 1,200, 1,800, 2,400, 3,000, 3,600, 4,200, 4,800, etc., up to 20,000 eggs. We will send our catalogue *by return mail* and quote you prices.

Let us know how many chicks you desire to brood at one time and we will send you an estimate on a brooding system.

Custom Hatching booklet also sent free upon request.



Candee Incubator & Brooder Co., Dept. 3, Eastwood, N. Y.
The Only Incubator Company Who Manufacture Their Own Heaters.

THE BROOKSIDE FARMS

BREEDERS OF JERSEY CATTLE.
WHITE YORKSHIRE PIGS. SINGLE
COMB WHITE LEGHORNS. BARRED
PLYMOUTH ROCKS. WHITE ORPING-
TONS. TABLE EGGS. EGGS FOR
HATCHING. DAY-OLD CHICKS

Day-Old Chicks

White Leghorns, \$15.00 per 100
Barred Rocks, 20.00 per 100
White Orpingtons, 30.00 per 100

Eggs for Hatching

\$1.50 per 15, \$ 8.50 per 100
2.00 per 15, 12.00 per 100
3.00 per 15, 18.00 per 100

Let Us Book Your Order NOW

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OUR POULTRY BUILDINGS are the best that modern knowledge and experience can produce. Nothing has been omitted from their equipment which could add to their convenience or promote the health and comfort of the birds. Spring water is running constantly in every building, and only the best procurable foods are used, which are bought in quantities sufficiently small to ensure their being constantly fresh.

We have combined the Young and Wyckoff strains to produce a vigorous and heavy-laying line of White Leghorns. Our Barred Rocks are of the Bradley strain—the Barred Rock Standard. Our White Orpingtons we have bred from stock which we brought from England and they are splendid in size, color and vigor. From 7,000 of these birds we have selected 1,300 of the finest yearlings for the production of day-old chicks and eggs for hatching, which we offer at the above prices, and we challenge the poultry world to produce better at any price.

We have shipped chicks 1,500 miles with entire success. Eggs shipped by us across the continent have yielded 88 per cent. hatches.

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ENTER YOUR ORDER NOW

The Brookside Farms, Box B, Great Barrington, Mass.

Telegraph and Telephone: Brookside Farms, Great Barrington, Mass.



1. FIRST PRIZE HEN
2. FIRST PRIZE COCK
3. FIRST PRIZE PULLET

FIRST PRIZE WINNERS AT



4. FIRST PRIZE COCK
5. FIRST PRIZE PULLEN
6. FIRST PRIZE COCKEREL

NEW YORK STATE FAIR 1912.

JOHN S. MARTIN PORT DOVER ONT. OWNER & BREEDER.

It is an interesting study to observe the various types of Wyandottes produced by the different breeders throughout the country. It is a well known fact that Eastern and Western breeders differ somewhat in what constitutes an ideal Wyandotte according to Standard description. Western breeders advocate rather a more blocky bird than the Eastern breeders, while many Wyandotte judges believe that the extreme of either is incorrect. John S. Martin, Port Dover, Ontario, Canada, has established a characteristic in his "Regal strain" which to many prominent authorities on Wyandotte type can be considered approaching ideal in size, weight and correct finish in plumage characteristics. The above group illustrates a popular and useful type which has been winning for Mr. Martin and his customers for many years.—A. O. Schilling.

AMERICAN POULTRY WORLD

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JANUARY, 1913

No. 3

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JUDGING AMERICAN BREEDS—I.

PLYMOUTH ROCKS, DOMINIQUE AND JAVAS

METHODS OF APPLYING THE COMPARISON SYSTEM ILLUSTRATED. SCUDDER'S FORM OF SCORING BARRED PLYMOUTH ROCKS AT MADISON SQUARE GARDEN. VALUATION OF SHAPE AND HEADPOINTS BY COMPARISON WITH STANDARD IDEALS. IMPORTANCE OF SURFACE COLOR IN DECIDING AWARDS. HARMONIOUS BLENDING OF COLOR MARKINGS IN ALL SECTIONS AN IMPORTANT FACTOR IN AWARDING PRIZES

BY J. H. DREVENSTEDT



In the November and December issues of AMERICAN POULTRY WORLD the different systems of judging standard-bred poultry as well as their application and the ethics that govern exhibitors and judges in the show room were given, so that in taking up the subject of judging the first of our American breeds—Plymouth Rocks, we will confine our remarks to the practical application of the standard laws to the specimens found in the show room.

Two systems of judging are in vogue in this country, viz:—Comparison and score card. The latter is rarely used today, and only at smaller shows in the west, as comparison judging has supplanted the old system at all large shows of the United States and Canada for reasons fully explained in November AMERICAN POULTRY WORLD.

To those who wish to learn how to score birds, the instructions to judges found on page 29, 30 and 31 in the American Standard of Perfection provides the only safe rules for the guidance of the judge. These rules must be obeyed to the letter, as the score card is a written record of the judge's work. On pages 33, 34 and 35 judges will find a complete table for cutting for defects when applying the score card.

On pages 31 and 32 of the Standard will be found the instructions to judges when applying the comparison system, and the rules should be carefully read and obeyed as they are the judge's authority for making his decisions in close competition.

Under "General Disqualifications" on pages 32 and 33 of the Standard the laws that

disbar specimens from competition are plainly and clearly stated, and these laws must be observed in the performance and not in the breach by every poultry judge. But at the same time they must be interpreted in a broad and intelligent manner, giving the specimen the benefit of any reasonable doubt.

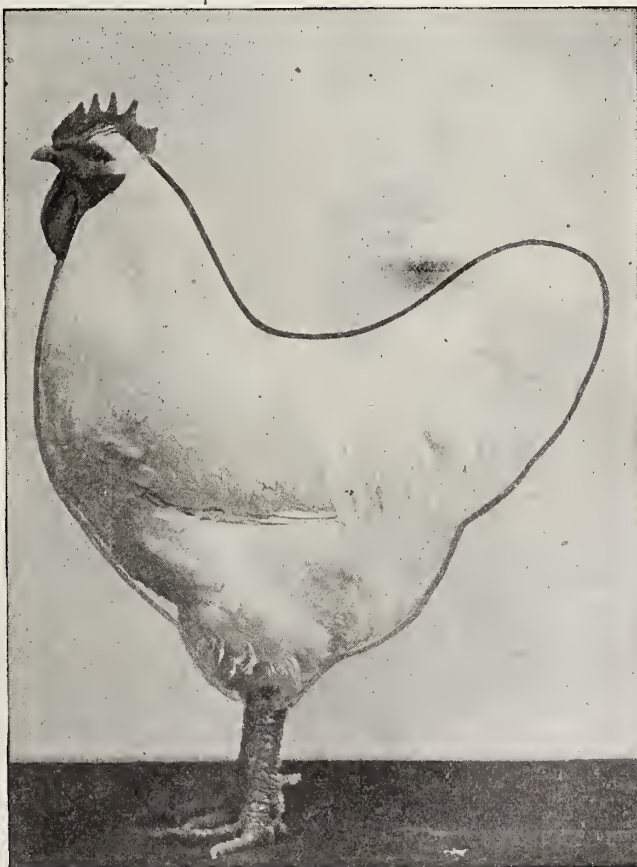
We are fully aware of the fact that some of the disqualifications are rather severe, but as long as they exist in the Standard, they must be applied in the show room.

APPLYING THE COMPARISON SYSTEM OF JUDGING

In applying the comparison system of judging to American breeds, in fact, to all other breeds, judges must have some methodical way of going about their work. It matters very little what method of marking or recording is used as long as it keeps intelligent tabs on the judge's work.

Probably the most elaborate system of keeping a record of his work, was that employed by the late Phillip H. Scudder, who for many years judged the Barred Plymouth Rocks at the Madison Square Garden show. This system is described in detail by Mr. Scudder in "The Plymouth Rocks," the new and complete breed book published by American Poultry Publishing Company, a book that every exhibitor and judge should possess, as it is the most valuable aid to the Standard in breeding, exhibiting and judging Plymouth Rocks ever printed. The illustrations in this book alone are valuable guides for breeders and judges, especially the half-tone reproductions made from photographs of ideal feathers.

We extract the following description of Mr. Scudder's



WHITE PLYMOUTH ROCK COCK "GREYSTONE CHAMPION"

One of the most noted White Plymouth Rock males several years ago was "Greystone Champion", bred by Frank H. Davey, now at Owen Farms, but formerly manager of Greystone Poultry Yards, Yonkers, New York. Mr. Davey had portraits of "Greystone Champion" taken by a photographer in Yonkers and we selected one from which the above illustration was made, because it presented in a rare degree the fine outlines of this remarkable male bird. The dark outlines are added to bring out the typical shape of the Plymouth Rock male. Mr. Davey to whom we submitted the first of the above illustrations, comments upon it as follows: "The proof of the illustration made from photograph of the Old Greystone Champion received. His winnings were three times first, three times shape special and twice champion at Madison Square Garden. As you have outlined the proof my principal criticism would be the underline—the line has been carried too low adding more depth to body which shortens it somewhat. Would rather see a longer, straighter keel."

form of score card used by him from his scholarly article in the above mentioned book:

ONE FORM OR STYLE OF SCORE CARD

"What is the first thing I do in the class? I start at one end and look over every bird without annoying them or in any way disturbing their natural position. Birds with smutty tails, a dozen black feathers appearing on the surface, white in the ear-lobes, absolutely no form or shape resembling that of a Plymouth Rock, barring that is full of black and brown spots, are thrown out at a glance. It is not necessary to examine such birds with minute and careful attention, no more than it is necessary for a judge in a trotting race to consider whether a horse a quarter of a mile behind the flag should be assigned a position in the scoring for the next heat. Assuming that we have eliminated from the list all the birds that upon the surface have absolutely no claims to recognition, I then tie a piece of red or white braid to the front of the coops containing those that seem worthy of further consideration. I have a large sheet of white paper and divide it into heads as follows:

Coop No.	Form	Size	Color	Useless Parts
Form	10	10		
Surface color.....	10		10	
Under color.....	10		10	
Comb and Wattles.....	10			10
Head	5			5
Neck	10	10		
Back	10	10		
Body and Breast.....	10	10		
Wings	10	5	5	
Tail	10	5	5	
Legs	5			5
Totals	100	50	30	20

"It will be noticed that form, shape or carriage, style it what you will, commands fifty points; color, as color alone, 30; and the useless parts from a utility standpoint, 20. Now if solid black feathers appear in the neck, back, body and breast they are cut accordingly, and a note (B F) made in that section.

"I go over the entire lot of selected birds, which we will say numbers fifteen, and after looking them over carefully

and comparing one with another, I mark that one which nearest approaches a perfect form, say $9\frac{1}{2}$ in the proper space indicated under the head of form on the memoranda sheet; and then without disturbing them I go over the entire lot and select that one which seems to me to carry the best surface color and mark one $9\frac{1}{2}$, $9\frac{3}{4}$ on my memoranda sheet as the quality of the surface color would seem to warrant. All birds inferior in form and color to the two selected as best in form and color are marked respectively $9\frac{1}{2}$, $8\frac{1}{2}$, 8, and so on as they severally would seem to be worthy. I next take the shape, the color and the condition of the comb and the wattles, marking the best one in the class whatever it is worth and the others accordingly. I next take up the head, including eye, beak, and face, also earlobes, and mark the bird having best of those qualities the highest, and the others in proportion.

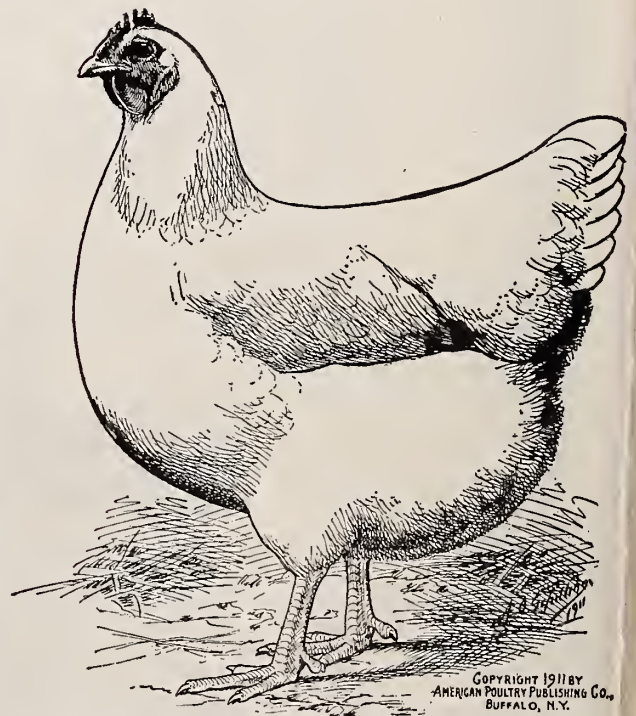
THOROUGH WORK NECESSARY

"I now take each of the fifteen selected birds out of its cage, one after the other, and examine their under-color from top to bottom, that is to say the neck, back and body under-color. To that bird having the best I again give the highest mark, and so on down the list. I now take up each separate section, neck, back, tail, wings, body and legs. I pick out the one having the best shaped neck. This does not mean the best shaped neck as it would appear if cut off from the body and considered by itself, but the best shaped neck considered in its relation to the manner in which the head is attached to it and to the manner in which it, the neck, in turn is attached to the body.

"I go through the same thing as regards the back, looking for a roached back or a dropped thigh or any other deformity, and mark the back in proportion to its approach to an ideal form considered as before with regard to the joining of the back with other parts of the body. I then pass to the tail and here, as we have not considered the under-color, I examine the entire tail for discolored feathers in any part of it, breakage or loss of feathers and mark it accordingly, counting five of the ten points for color and five for the shape of the tail, both as regards its shape itself and especially as regards its attachment to the body proper of the bird. The same thing again is done with the wings as with the tail and the same with the body as with the neck and back. The ten points of the



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STANDARD SHAPE OUTLINES FOR PLYMOUTH ROCKS.

The ideal Plymouth Rock male and female, as described in the American Standard of Perfection of 1910, is embodied in the above illustrated shape outlines delineated with great care by A. O. Schilling, who followed as closely as a skilled artist could, the word description in the Standard. We look upon these sketches as typical models to judge by, as they do not accentuate any fashionable departure from the correct Standard type, which will be found in some strains of White Plymouth Rocks.

body are entirely given to the shape of the individual parts, as the color of the body is taken care of under the heads of surface color as a whole and under color as a whole unless I find hidden black feathers, in which case the section containing the same suffers pro rata and a note is made that it is not the shape but the black feathers that caused the cut. The wings and tail I think should be in a separate class as regards under-color.

OBTAIN "COMPLETE AND DETAILED MEMORANDA"

"Now you have my method of scoring or rather of making what is for me a complete and detailed memoranda of the different parts of each and every one of the birds that passes through my hands. I make no claims of superiority for my method. It covers the ground more satisfactorily, and to my mind, more fully than the standard score can, and disclosed at a glance what I have found in the nature of defects, such as black feathers, bars more nearly approaching the nature of spangles than of bars that meet standard requirements, bars identified on both their upper and lower edges with saw teeth indentations wherein the white of the bar almost breaks across the darker portion and bars with a black sheen or glint such as we find in the Langshan."

STANDARD SHAPE OF MALES AND FEMALES

All varieties of Plymouth Rocks should be of the same type. The American Standard of Perfection describes the shape of males and females in clear and unmistakable language in the text, but the artists in their illustrations have not followed the word descriptions. There are six illustrations of males and six illustrations of females in the 1910 Standard, and there are nearly as many types delineated which a glance at the outline illustrations, Plates II, III, IV, V and VI, will show. This is enough to puzzle not only the younger but the older judges as well as confuse the breeders and exhibitors. It is difficult always to delineate a model of any kind to represent a living specimen, but when we are confronted with such an assortment as our Standard presents to us, we must select the one that comes nearest to the accepted modern ideal of what the shape of a Plymouth Rock male and female should be like.

Personally, we believe Mr. Sewell's models of the Barred

Plymouth Rocks on pages 40 and 41 of the Standard to be the most characteristic of the Plymouth Rock breed. His Rock illustrations are so close to the Barred Plymouth Rock types that they will serve as equally good models. But the Penciled, Partridge and Columbian varieties possess shape that is foreign to the breed or type.



ENGLISH PARTRIDGE LACING.

But in order to clear away some of the fog hanging over the Standard illustration, we reproduce on this (Plate VII) the Standard shape outlines suggested for Plymouth Rocks, male and female, which appear on page 132 of the new breed book, "The Plymouth Rocks," as these outlines present a clearer idea of Plymouth Rock shape than any other illustration we have seen, also conforming closely to the text in the Standard.

We also reproduce on page 173 a half tone illustration of one of the most noted White Plymouth Rock males ever bred in this country. The photograph has not been retouched, the only addition made being the black outline to bring in relief the fine type of the bird. Frank Davey, who bred and exhibited this champion male in the foot note criticises the outlines and calls attention to other points that judges and exhibitors should carefully read and study. This is what we call a study from life and as such will make a more lasting impression on the mind.

If any Plymouth Rock breeder in this fair land of ours, has a bird as good in type as this White Rock male, and the color markings are of the best brand, he is pretty certain to win the blue ribbon.

HEADS, COMBS AND LEGS

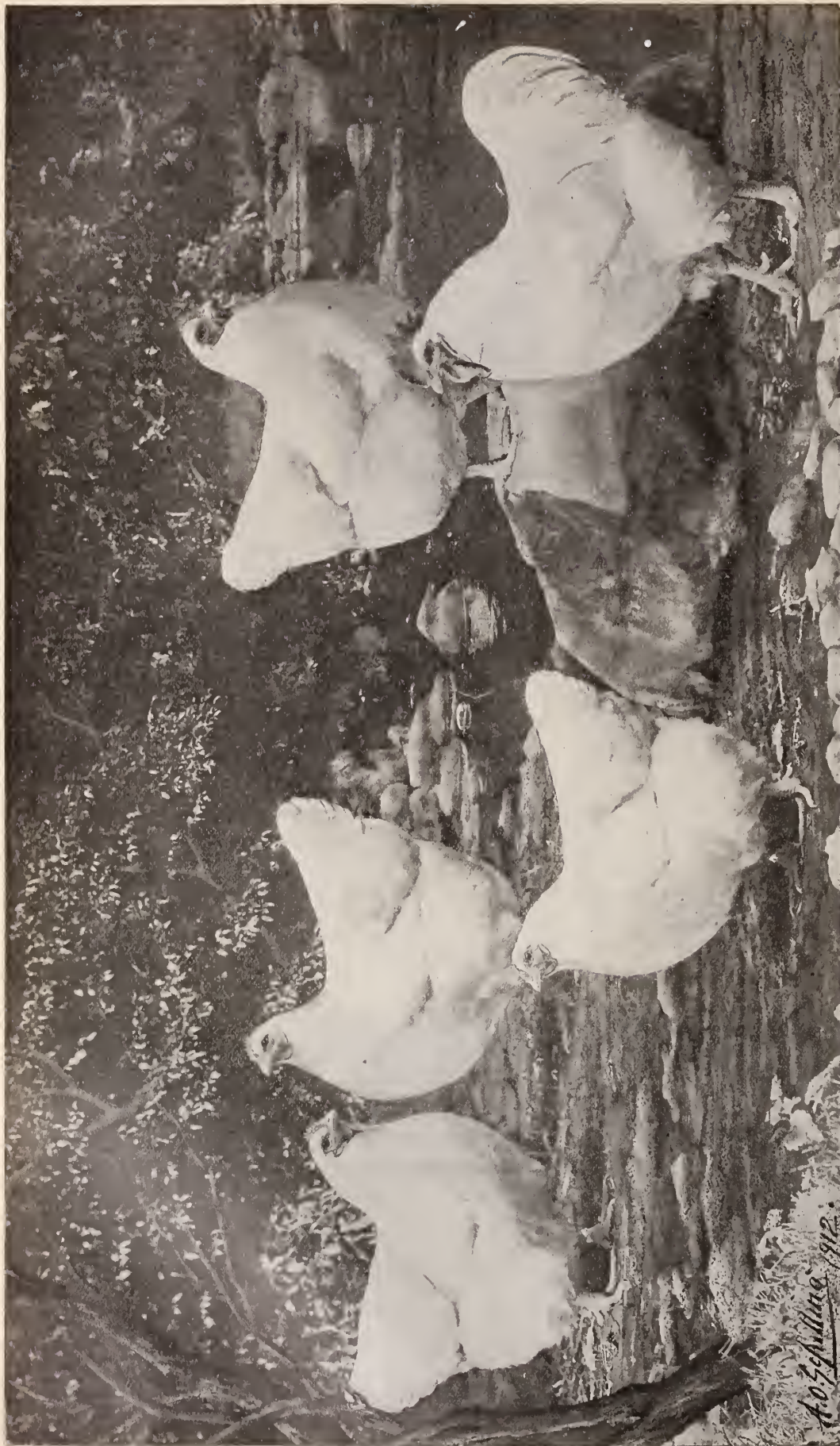
The characteristic type of a breed is reflected by its head points. The Plymouth Rock head is distinct in shape from that of the Brahma or Wyandotte, while the single comb that rises from the beak and over the crown is of a totally different type than the single comb found on the Leghorn, Minorca, Spanish or Dorking and differs in a lesser degree from that of the Rhode Island Red, resembling only in shape and size the comb of the Java fowl. But

[Continued on page 235]



FEATHERS FROM A SILVER PENCILLED PLYMOUTH ROCK HEN.

In the above illustration, the breast, fluff, wing and back feathers indicate strong color contrasts but the pencillings should be more regular and more sharply defined. The hackle feathers conform to the Standard description in color markings, although in the finest penciled hens, the black striping of the hackle feathers will be found more or less penciled.



*FIRST PRIZE PEN S. C. WHITE ORPINGTONS AT PITTSBURGH SHOW, FEB. 1911.
BRED AND OWNED BY LAWRENCE JACKSON FARM HAYSVILLE PA.*

Among the oldest and most successful breeders of the popular White Orpingtons in America is the Lawrence Jackson Farm. In the above illustration the massiveness of the male and females as well as their fine type is well portrayed. In addition to possessing these indispensable Orpington characteristics, these birds have silvery white plumage and white shanks and feet. Another noticeable feature of the Lawrence Jackson Orpingtons is the excellent heads and combs of the females and the strong typical headpoints of the male, which are well reproduced in the above beautiful half-tone picture made from photographs of the birds by Artist Schilling.

MORE ABOUT ROUP

CAUSE OF THE DISEASE GENERALLY MISUNDERSTOOD. ROUP NOT A LOCAL DISEASE BUT IS GENERAL, AFFECTING THE BIRD ALL OVER. CHICKEN POX THOUGHT TO BE A FORM OF THE DISEASE. VIGOROUS METHODS NECESSARY FOR PREVENTION. GOOD HOUSING CONDITIONS VERY ESSENTIAL. TREATMENT OF SICK BIRDS PRESENTS DIFFICULTIES. PROMPT ISOLATION OF AFFECTED BIRDS IMPORTANT. NEW TREATMENT DESCRIBED. ROUP EXTREMELY CONTAGIOUS, AND ALL METHODS USED IN THE PREVENTION OF CONTAGIOUS DISEASES IN HUMANS SHOULD BE USED

BY DR. J. H. SNOOK

Ohio State University

[EDITOR'S NOTE:—The following article by Dr. Snook was written at our solicitation, as his previous article entitled "Something New About Roup" aroused such a deep interest among readers of American Poultry World, who have evidently had experience with this dreaded disease, that we thought it well to have Dr. Snook, who has made a deep study of the complaint, more fully describe it and its treatment. This he has done in a very able manner, and we trust that our readers will find much that is helpful in the article that follows.]



NUMEROUS inquiries have been received since the appearance of the article entitled "Something New About Roup", and they have brought out several new phases of the disease not mentioned before. They show very conclusively that roup is one of the most dreaded diseases affecting poultry, causes much greater losses and has a wide distribution. From Maine to California come the same reports relative to the losses from roup. Most of the writers, however, refer to it as bad, neglected colds, chicken pox or canker, but these are but different stages of the disease or rather different symptoms of roup.

CAUSE NOT FULLY UNDERSTOOD

These inquiries also indicate a misunderstanding as to the cause of the disease and many, while they admit that it seems like a contagious disease, still attribute it to exposure, unsanitary conditions and improper care. They take good care of their birds and still have roup to contend with. On the other hand it is a well known fact that birds reared on farms or away from others of their kind and with little or no attention seldom have roup. It is because the disease is not brought to them by a sick bird or otherwise carried on the premises. It is always the flocks that are kept somewhat closely confined, and from which birds are exhibited and returned to the flock, or, to which new stock is added, that suffer most. These birds, being valued highly, are well cared for, but still they have roup, and most outbreaks in a previously healthy flock dates back to two or three weeks after a new or returned bird was put with them.

BOTH INFECTIOUS AND CONTAGIOUS

Now all this points to one thing, that roup is an infectious disease and very contagious. Experiments have proven this and the organism that causes roup is very much like that which causes diphtheria in the human. Exposure and unsanitary conditions can only be said to favor the disease by reducing the vitality of the birds or their disease resisting power, and then, when they have an opportunity to get the disease they have it in a more severe form than those more resistant. Rich food and lack of exercise and very warm, poorly ventilated houses will also reduce their resistance. It frequently happens that birds do have colds the same as man or animals, but they are similar to roup in its early stages or when it is a mild case. Colds do not last long and are never followed by canker deposits in the mouth or chicken pox scabs on the skin and they do not have that peculiar odor of roup. Furthermore, roup is not a local disease just affecting the nasal passages, and mouth as many seem to think, but it is general and affects the bird all over. All parts of the air passages may become inflamed and the yellow deposits form anywhere along the air tract, even in the lungs, which accounts for the difficulty in breathing in some cases. The digestive tract also becomes inflamed with resulting loss of appetite and of course the bird then rapidly becomes exhausted.

BIRDS OF LITTLE VALUE AFTER ATTACK

The period of incubation varies somewhat depending on the condition of the birds, but usually in 10 days to 3 weeks after exposure some of them begin to show it until practically the entire flock will have it in the various forms. As a rule, only a few if untreated would die, but the most loss comes from so many of them having it in the milder form and of course they are unfit for market and the egg

production is decreased or stopped. Some of the worse ones by careful handling may partly recover, but they rarely regain their former good condition and are of little value afterward.

CHICKEN POX ONLY A FORM OF ROUP

The spots which appear on the skin and which are commonly known as chicken pox do not appear in every case of roup, just as some of the other symptoms vary in different cases. It will be noted, however, that canker and pox symptoms are usually present at the same time. Of course it is possible for two distinct diseases to be present in a flock at the same time, but they would hardly be associated as often as are these two conditions. Further proof of this was obtained by producing, experimentally,

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FIRST PRIZE COCKEREL, PITTSBURGH SHOW 1912, Bred & Owned By J. P. HILDORFER, PITTSBURGH PA.

BLACK MINORCA COCKEREL

The young Black Minorca male illustrated above certainly does not belie his ancestry, the famous Jumbo strain, bred by Jos. P. Hildorfer, for he is a strapping big fellow with great strength and length of body and legs and fine head, lobes and comb. He is a diamond in the rough, that when polished and matured will prove a grand cock bird.

THE RATION—ITS INFLUENCE ON EGG PRODUCTION

DOES THE RATION INFLUENCE EGG PRODUCTION OR IS CAREFUL BREEDING RESPONSIBLE FOR HIGH AVERAGES? OPINIONS OF LEADING INVESTIGATORS VARY ON WHAT CONSTITUTES A GOOD LAYING RATION. A COMPARISON OF FEEDS AND METHODS IN THE TWO GREAT EGG LAYING CONTESTS. AN EXCHANGE OF FEEDING FORMULAS IN THE SECOND CONTEST WOULD HAVE ENABLED US TO DETERMINE BY ACTUAL RESULTS WHETHER THE FEED OR THE BREEDING WAS THE MAIN FACTOR IN A GREATER PRODUCTION. MISSOURI CONTEST TO TEST SEVERAL RATIONS, WHILE THE ONE USED THE PAST YEAR AT STORRS WILL BE CONTINUED

BY O. WILSON



WITH the announcement of the formula used in preparing the feed for the contestants at the last egg-laying contest at Storrs, we have a new factor put before us as a possible feature of the average of 153 eggs per hen, which was developed from the 490 layers that were entered there. The mixtures described herewith were in effect for the entire year, and there is no getting away from the fact that the advantage of 19 eggs per hen average as compared with the Missouri contest results for the same period is not altogether a matter of chance but a matter of breeding and care.

We are not going to announce that any system of feeding is wholly good or bad, but we would be much further advanced to a high egg yield—taking it for granted that our American breeders will continue to use their efforts to breed a more productive fowl—if a happy medium could be reached by these earnest experimenters and well wishers of poultry affairs. Just now, we are in a wilderness of good advice, but we can not see the words for the trees. One prominent writer tells us to use corn in plentiful proportions, another equally important investigator tells us to "cut it out," and that is the way it goes—endlessly. The egg laying contest as an institution could tell us a lot that would eliminate any amount of the confusion from our minds and by reason of the natural adoption of result getting that they can discover by their painstaking observations, put us all in a position to buy our feeds with a degree of certainty as to results. In our present predicament or muddle of understanding we get the elaborate advertisements of a firm that tells us in positive terms why their feed will get us more eggs per hen than the feeds sold by their competitors, but the advertising matter

of the competitor tells us the same thing, and unless our competition are to adopt some rule that will act as a check against the methods already used we will never be anywhere in particular with the feed question.

Comparatively the feed and methods used at the two competitions last year do not show a great diversity and we are left to our own opinions as to whether or not the omissions of Missouri or the extras at Storrs will account for the difference in egg averages.

Missouri eggs per hen, 134. Connecticut eggs per hen, 153.

SCRATCH GRAIN MIXTURE PER 100 LBS.

	Miss.	Conn.
Cracked corn...	40	30
Wheat	40	30
Oats	20	20
Barley	10	10
Kaffir corn....	3	1-3
Buckwheat	3	1-3
Coarse beef scrp ..	3	1-3

MASH MIXTURE PER 100 LBS.

	Miss.	Conn.
Wheat bran...	10	30
Corn meal....	20	15
Middlings ...	20	11
Ground oats..	20	15
Fish scrap....	..	5
Beef scrap....	15	5
Low grade flor	4
Gluten meal...	3	1-4
Alfalfa meal...	7	..
Linseed meal...	1	1-4
Fine table salt	1-2	..
Charcoal	3	..

Cost at present

prices \$1.61 \$1.54

Cost at present

prices \$1.64 \$1.59

Extras to tempt the appetite of the industrious workers at Storrs were furnished by growing rye in the yards after it was deemed advisable to let them out of their pens, but while the original intention for the furnishing of green food was that of supplying mangrel beets for the period when it could not be supplied from the natural seedings in

(Continued on page 241)



Seaman & Bogert, Port Washington, N. Y., last August shipped a large consignment of their famous Rhode Island Reds to Manzanillo, Cuba, and the above illustration made from a photograph, conveys an idea of the size of this shipment. Robert Seaman is seen standing to the right, Mr. Bogert in the center and their poultryman on the left. This is but one of the many shipments made by these old and well known Rhode Island Red breeders, men who have done much to bring the Reds up to their present high standard of excellence.—J. H. Drevestadt.

GRAND CENTRAL PALACE SHOW

NEW YORK

DECEMBER 3 TO 7, 1912

THE PALACE SHOW THROUGH CONTINUED SUCCESS NOW RANKS AMONG THE MOST PROMINENT POULTRY EXHIBITIONS OF THE COUNTRY. QUALITY AT THE SIXTH ANNUAL EXHIBITION BETTER THAN EVER BEFORE. THE SHOW DESERVING OF BETTER PATRONAGE

BY WM. C. DENNY



THE sixth annual exhibition of the Empire Poultry Association was held in the Grand Central Palace, New York City, December 3-7 inclusive. This show, known as the Palace show, has grown from a local affair formerly held at Richmond Hill, L. I., through its continued successes until it is now entitled to be included in the list of the most prominent poultry exhibitions of the country. The poultry entries at this year's exhibition were about the same in numbers as a year ago. The catalogue numbers show 1688 birds in the single classes and 157 exhibition yards. What surprised many was the excellent size and condition of the young stock exhibited. It was expected that because of the unusually poor hatching season and the consequent scarcity of early chicks that well developed cockerels and pullets would be scarce indeed. On the contrary the birds shown at the Palace were well developed and quite up to the average of other years.

Quality throughout the show was better than ever before. This was particularly true of Single and Rose Comb Rhode Island Reds which brought out 266 birds in the different classes. It was one of the greatest exhibits in quality and numbers of the breed that has been made at a leading show down-to-date. Competition was "red hot" and any exhibitor who won a place in any of the classes of either the Single or Rose Comb varieties was fortunate indeed. Reese V. Hicks, president of the American Poultry Association, judged both varieties and did a good job. His work entitled him to great credit, for we heard but little criticism of his awards.

Single Comb Buff Orpingtons, White Rocks, White Wyandottes and S. C. White Leghorns also brought out some fine exhibits in point of numbers and quality. Some excellent birds were shown in the Silver Campine, Golden Campine and Black Wyandotte classes and there was also a fine display of Ornamental Bantams. An exhibit of some beautiful White Houdans attracted a great deal of attention from visit-

ors, old time poultrymen included. The specimens of this variety exhibited at the Palace show could not fail to attract attention. They possessed all of the qualities, in shape and size of Mottled variety, and were pure white in color. If, as claimed by Mr. Baerman of New Jersey, who originated and exhibited them, that they also have the many valuable qualities of the standard-colored Houdan as a layer and market fowl, it is not unlikely to expect that they will become quite popular.

While the attendance was equal to that of a year ago, it was not nearly as good as the exhibition deserved. With a beautiful show hall centrally located, plenty of quality and competition and good management, the show deserved much better patronage than it received.

During the week many prominent poultrymen, other than exhibitors, were in attendance including E. B. Thompson, D. W. Young, C. H. Latham, D. Lincoln Orr, Robert H. Essex, John H. Robinson, Henry D. Riley, Frank L. Platt, Henry P. Schwab, Henry Trafford and many others.

The annual banquet tendered to exhibitors and judges was held on Wednesday evening. It was well attended and thoroughly enjoyed by all who were present.

The officers of the Empire Association are as follows: President, Robt. Seaman, Jericho, N. Y.; vice-president, Capt. C. E. Arnold, Babylon, N. Y.; secretary-treasurer, L. D. Howell, Mineola, N. Y.; auditor, A. H. Meyers, Ronkonkoma, N. Y.; assistant treasurer, Capt. C. A. Brown, Sayville, N. Y.

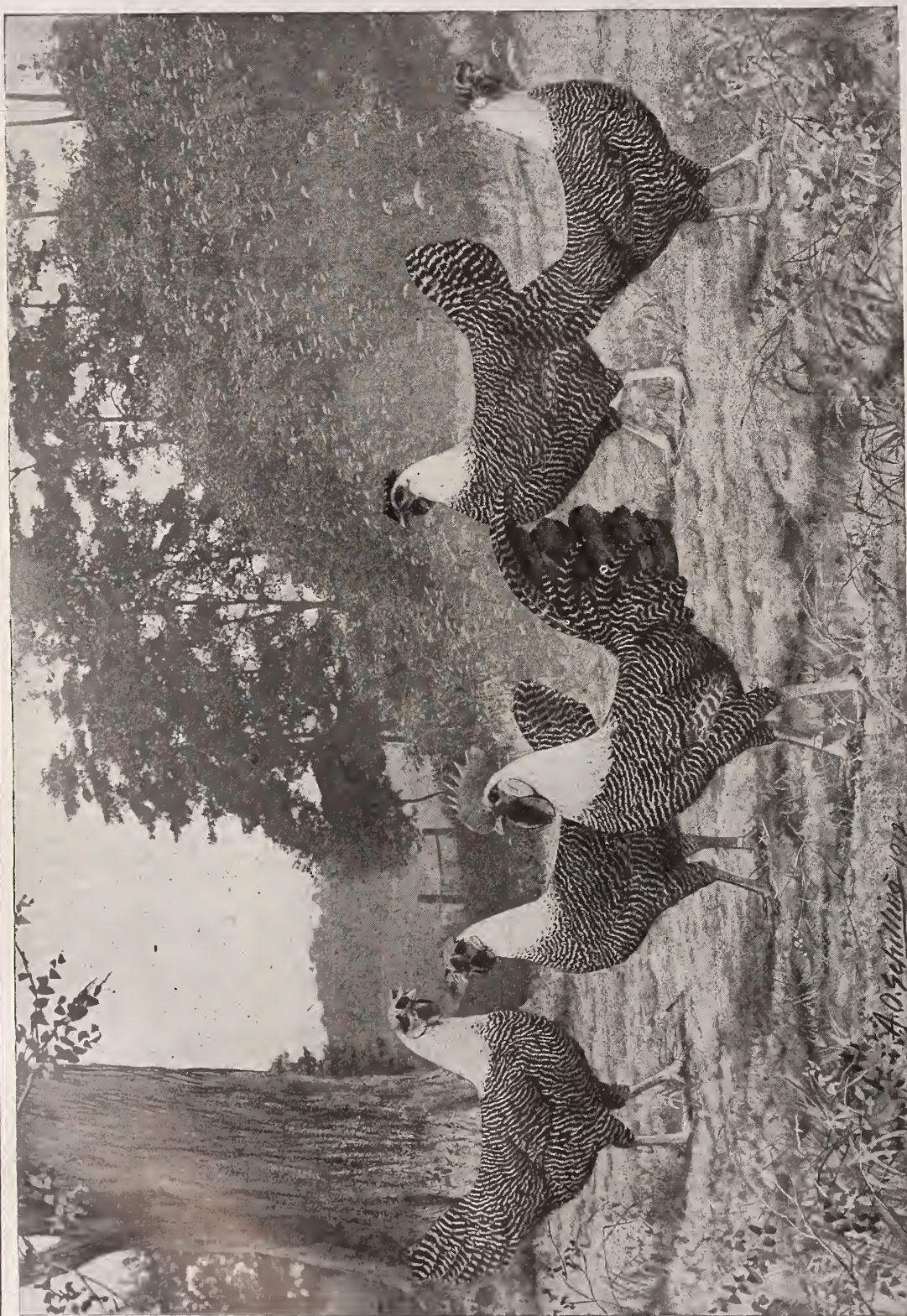
The displays of the incubator companies and poultry supply houses were one of the big features of the show. The exhibits encircled the hall. The Newtown Producing Co., Newtown, Pa., had a full list of their hatching and brooding systems on exhibition. Howard Davis, with an able corps of assistants, was in charge and they were kept busy explaining the merits of the Newtown Mammoth incubators and individual regulating hovers.

The Hall Mammoth Incubator Co., with Frank Sweeney in charge, had a large number of admirers



A wonderfully deep and long bodied Buff Orpington pullet, excellent in type, strong in bone and sound in color. One of the many good Buffs bred by Mr. Dalby at Dunrobin Farm.

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FIRST PRIZE PEN SILVER CAMPINES AT GRAND CENTRAL PALACE SHOW DEC. 1912, BREED AND OWNED BY
WEST NYACK N.Y.
RIDGE EGG FARM

The Campine seems to have made a good start in this country, and the result is better birds of the breed are being shown each season. Quality was very abundant in the classes at the recent Grand Central Palace Show and the winners were specimens of considerable merit. Ridge Egg Farm, West Nyack, N. Y., made a fine exhibit and captured a good portion of the prizes. The first prize pen shown in the above picture contained much quality having color and type equal to the best shown to-day. Breeders of this beautiful variety claim many valuable characteristics for them. They are producers of large white eggs in abundance and bid fair to become one of America's most popular breeds. —A. O. Schilling.

SHORT ARTICLES OF TIMELY INTEREST

AN EXPERIENCE IN BUYING DAY-OLD CHICKS AND HOW IT RESULTED. ONE YEAR'S EGG RECORD. A CONVENIENT PIANO BOX POULTRY HOUSE DESCRIBED. HOW TO SECURE EARLY LAYERS. CARE OF GROWING STOCK AN IMPORTANT FACTOR. CAREFUL, COMFORTABLE HOUSING WITH PLENTY OF FRESH AIR ESSENTIAL. THE AUTOMATIC FEEDER; WHY IT SHOULD BE USED, AND ITS ADVANTAGE

A. P. W. READERS

PROFIT IN POULTRY ON A CITY LOT

AN A. P. W. READER GIVES HIS EXPERIENCE IN RAISING POULTRY IN A CITY BACK YARD. DEMONSTRATES THE POSSIBILITIES OF CITY POULTRY KEEPING

By Fred J. Collins, Ohio

The following is my experience with a flock of R. C. Rhode Island Reds on a city lot 40 ft. x 150 ft. on which is located an eight room house and a garage 9 ft. x 16 ft. and a good sized garden spot.

On May 1st, 1911, I bought twenty-five three week old chicks from one breeder at thirty-five cents each, a hen with twenty chicks from another breeder paying two dollars for the hen and thirty-three and one-third cents each for the chicks. Of the first lot I raised twenty-three, one died and a cat caught another one. Of the second lot I raised fourteen, three died a few days after I got them and the hen killed three when she weaned them. I had to

keep them in a closed run 4x10, on account of cats, and the three were killed before my wife could separate them, I being away from home from Monday until Saturday until August 15th. The hen began to lay again May 24th (when the chicks were weaned) and laid twenty-two eggs up to June 23rd, when I set her again and she raised a small hatch of six.

From the entire lot I saved twenty-five pullets and this is what they did for one year from the time I got the first egg, Nov. 8th. (The hen died in September so she was not included.)

Right here I will say that there were three White Orpingtons in the second lot, they were the first ones I killed because I would not keep two kinds. I was sorry to do it as they were fine ones and were doing their share of laying.

1911, Nov. 8th-30th,	24 eggs
Dec.	174 eggs
1912, Jan.	301 eggs
Feb.	288 eggs
March	400 eggs
April	432 eggs
May	325 eggs
June	195 eggs
July	191 eggs
August	228 eggs
Sept.	161 eggs
Oct.	97 eggs
Nov. 1st-8th.	11 eggs

Total eggs. 2827

From April to November I killed fifteen hens, ending the year with ten hens. I had also saved one cockerel.

On April 1st, 1912, not having any broody hens to set, I bought seventy-five day old chicks, which cost

me ten dollars and thirty cents. They reached me in a terrible storm and were probably chilled as I only raised fifteen of them.

Later I set several hens and from them raised eighty-five chickens, making a total of one hundred I raised, not setting an average of sixty per cent. in hatching, but raised almost every one hatched, this taking considerable time from laying.

As to the expense, beginning May 1st, 1911, with the purchase of the first chicks, posts, wire, lumber, fitting, fixtures, feed, etc., in fact every expense in connection with the chickens, my expenditures were one hundred twenty dollars and forty-four cents. My receipts for eggs and poultry used and sold was one, hundred twenty-three dollars and twenty-eight cents as at October 1st, 1912, and I had on hand at that time, a credit balance of two dollars and eighty-four cents and my coop and all appliances and eighty-five young birds from three to six months old, the

ten hens and cock bird as my profit. Surely not a bad record. My stock while not fancy are very good specimens and my sales of eggs and poultry were all of market prices, no fancy rates.

While this is not a two hundred egg record, I think it is a good one for a beginner. I care for them mornings and evenings with about ten minutes at noon.

I feed house scraps when I have them. A feed of scratch thrown in straw in the morning. At noon some sprouted oats and at night whole wheat or scratch grain with lawn clippings, Swiss chard, lettuce and beet leaves from the garden. I keep before them at all times a good dry mash, grit, shell, charcoal and plenty of sifted ashes for dusting. I also have a five gallon can of water, dripping from a faucet into an enameled pan which is kept perfectly clean.

My coop (corner of which is shown in cut on page 219) is made from two piano boxes set up, 2½ feet off the ground and two feet apart, the space between enclosed for nesting and a run to dirt floor below. The lower part is boarded up, then all covered with heavy paper and sided over that.

One side being a roosting place, the other a scratch shed, and between the two, two tiers of nests in front and behind the nests a run-way to dirt floor below.

I use sifted ashes under the roosts and clean all droppings out every morning. You ought to see how

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FIRST PRIZE S. C. W. LEGHORN COCKEREL.
GRAND CENTRAL PALACE NEW YORK 1911.
MOORE BROS. MOSCOW N.Y.
BREEDER & EXHIBITOR

One of the most graceful and stylish White Leghorn males exhibited in several years is the first prize cockerel at the Palace Show, New York, 1911, bred by Moore Bros., Moscow, N. Y. Mr. J. O. Moore values this bird so highly that he has mated him to several very select hens of the same blood lines this season. The long neck, back and sweeping tail lines as well as the deep breast line and well balanced thighs, shanks and feet indicate the active temperament of the well bred White Leghorns.

SECOND PRIZE COCK

FIRST PRIZE COCK



FIRST PULLET

FIRST PRIZE COCKEREL

FIRST HEN



PRIZE WINNING S. C.
WHITE LEGHORNS AT

BRED AND
DUNE ALPIN POULTRY FARM

GRAND CENTRAL PALACE
SHOW DEC. 1912.

OWNED BY,
EAST HAMPTON L. I. N. Y.

A. O. Schilling
1912

To establish a show record equal to that of Dune Alpin Poultry Farm, East Hampton, L. I., N. Y., is indeed a commendable feat. Geo. Kerr, manager of this noted establishment is considered a past-master in producing White Leghorns that can win in any company for himself and his customers. Those who had the pleasure of seeing the grand display made by this farm at Grand Central Palace Show, surely must have admired them, as they were shown in the finest condition and possessed the usual fine lines of the up-to-date Leghorn. The above group represents a few of the choicest specimens shown at Grand Central Palace Show and we feel at liberty to state that the first prize hen was one of the best we have seen to date. The elegance of form of Dune Alpin Leghorns is marvelous and caused much favorable comment from those who have seen them.—A. O. Schilling.



GREAT MID-WEST POULTRY ASSOCIATION DOING MUCH FOR UPBUILDING OF POULTRY INDUSTRY IN MIDDLE WEST. MANY EASTERN BREEDERS AMONG EXHIBITORS. SHOW WELL CONDUCTED. SOME CRITICISM OF JUDGING HEARD. QUALITY IN POPULAR VARIETIES EXCELLENT. OVER FOUR THOUSAND BIRDS ON EXHIBITION

BY WM. C. DENNY



HE fourth annual exhibition of the Great Mid-West Poultry Association was held in the Coliseum Building, Chicago, Ill., December 12-17, inclusive. This great poultry show, since being held under the auspices of the present association, has become one of the events of the season and is doing much for the building up of the poultry industry in the middle-west. It

is certain that outside of Madison Square Garden no other poultry show in America brings together the large number of those who are prominent in the Standard-bred poultry business.

It has become quite "the fashion" so to speak, for eastern breeders to "make Chicago" and each season usually finds a number of prominent New York and Boston exhibitors "doing battle" with those of the central-west. Many valuable lessons have resulted. The man from the east has come to respect the quality of stock shown by the best breeders of the west, and on the other hand, the western breeders have learned the great value of skillful conditioning and training of exhibition birds. As these two things go, no birds have been better prepared for any show than the White Orpington string exhibited at Chicago by the Aldrich Poultry Farm, Columbus, Ohio. Their prize winners, including first prize cock and first prize pen, were shown in a condition that would do credit to such past-masters in the art as Maurice Delano and F. H. Davey of Owen Farms, and D. W. Young, the S. C. White Leghorn king.

At this year's Chicago show a number of well-known eastern exhibitors made entries. Among the best known was the veteran Barred Rock breeder, A. C.

Hawkins, of Lancaster, Mass., Owen Farms of Vineyard Haven, Mass., and Sunswick Farm, South Plainfield, N. J. Mr. Hawkins had a splendid string of Barred Rocks and made a grand winning including the Director's \$100.00 Challenge Cup for best display. Maurice F. Delano was in charge of the Owen Farms exhibit, including the three varieties of Orpingtons, Black, White and Buff, White Plymouth Rocks and White Wyandottes, and Mr. Arnett was in charge of the Buff Orpingtons exhibited by Sunswick Farm.



It was a class of superior quality in both Rose and Single Comb Rhode Island Reds at the recent Chicago Show held December, 1912. To win even a ribbon in these classes it required quality of the highest order. The Champion exhibitors in these varieties are shown in the accompanying photograph. Mr. W. C. Pierce of Buschmann-Pierce Red Farms, Indianapolis, Ind., on the left and winner of the silver cup for best exhibit of Rose Comb Reds, and Mr. F. E. Harrison, Menominee, Mich., winner of silver cup for best exhibit of Single Comb Reds, on the right. We can not recall having seen more high class quality massed together into an exhibit at any show. Here we found birds from both the East and West, therefore these two breeders are entitled to the highest comment for producing specimens of such superior quality that enabled them to win these trophies.—A. O. Schilling.

The Coliseum is favorably situated for holding a poultry show. Located on Wabash Ave., between 15th and 16th streets, it is within easy distance of the central shopping and theatre district. While large and spacious, it was taxed to its capacity by the large entry and the many interesting displays made by manufacturers of incubators and brooders and poultry supply dealers, which were underneath the galleries that extended around the four sides of the building. One of the features of the show was a wonderful display of many varieties of pheasants, rare wild birds and waterfowl. These were enclosed in a large aviary in the center of the hall, which contained trees, shrubbery and fountains that provided delightful places for the birds to entertain the visitors with their frolic.

The open classes were shown one bird in a coop, single tier high. Keipper Coops were used for the first time at a large show. They were satisfactory to a majority of the exhibitors. It is an all wire coop, open on four sides and when minor changes, that time and use will suggest, are made, it will probably be used extensively. Secretary Theo. Hewes introduced a

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AMERICAN POULTRY WORLD



DEVOTED TO THE
**Upbuilding of the Poultry Industry
in All Branches**

GRANT M. CURTIS Editor
J. H. DREVENSTEDT . . . } Associate Editors
WILLIAM C. DENNY . . . }

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STAFF ARTISTS:
Arthur O. Schilling,
H. C. Froby.

EDITORIALS

LET US HOPE THAT MR. CRAWFORD WILL CHANGE HIS MIND

Our readers are aware that famous Madison Square Garden, New York City, in which the annual New York Poultry, Pigeon and Pet stock show has been held for many years, was sold about a year ago and that it was proposed to remodel the building, with the object of increasing its revenue-earning power. Later on a number of wealthy New Yorkers who were interested in such events as the annual horse show, annual automobile show, etc., prevailed on the new owners to leave the building in its present condition, or practically so.

However, the new owners are determined to make the building a profit-earner, therefore they have increased the rental to all tenants, old and new. The increase in the rental for poultry show week is about one hundred per cent., so we have been informed. This means an increase of about three thousand dollars, which is more than the New York Poultry show has averaged to clear during the last ten years or such a matter. Such being the case, either the entry fees and charges for display space will have to be increased or the paid admissions more than doubled—otherwise the annual receipts from all sources will show a deficit, something that must be avoided at any cost.

On account of the unsettled conditions above mentioned and because of advancing years, Henry V. Crawford, secretary of the New York Poultry, Pigeon and Pet Stock Association, and superintendent of the Madison

Square Garden Poultry Show, has about decided to dispose of his financial interest in the association and to turn the work over to younger men. It is much to be hoped that Mr. Crawford will change his mind. The standard-bred poultry interests of this country would suffer a severe setback if what has come to be known, the world over, as the great Madison Square Garden Poultry exhibition, were to fall into incompetent hands or had to be discontinued altogether.

Mr. Crawford is not dependent to any extent for his livelihood on the earnings or profits of the Madison Square Garden Poultry Show. He retired from business ten or fifteen years ago and for a number of years served his home city of Montclair, N. J., as mayor—a city of about 35,000 inhabitants. It is not, therefore, a question of personal finances with Mr. Crawford. A trained and successful business man, he has insisted first to last that the Madison Square Garden show should be conducted on business principles, and this is one big reason why it has been a noteworthy success during the long term of years that Mr. Crawford has been virtually in complete charge as secretary-manager and superintendent.

We do not know how old Mr. Crawford is, but he is close to seventy—on one side or the other of this mark. A pretty close guess would be sixty-eight years, and he is well preserved. Mentally he is as keen and level-headed as he could have been ten, twenty or thirty years ago. No one who has had any experience with Mr. Crawford as head and front of the Madison Square Garden Show has had any reason to complain that he was not fully competent to manage the big event, despite his white hair and more than three-score years of active life.

Recently, on looking through a rare copy of the colorplate edition of Simpson's International Standard of Excellence for judging pigeons, published in 1879 by the National Columbarian Society, we were interested to note that at that early date—thirty-four years ago—H. V. Crawford was secretary of this society. Deduct thirty-four years from some of our lives and there wouldn't be anything left. Deduct this number of years from the lives of the rest of us and a great majority of the poultrymen of the present day would be back in short trousers. For example, A. P. W.'s business manager and associate editor, William C. Denny, was not born thirty-four years ago—and the same is true of Arthur Schilling and of many other young men who today are important factors in the standard-bred poultry industry of America.

Honor and strength and the fullness of years to Henry V. Crawford, secretary-superintendent of the great Madison Square Garden Show! He has filled this post with honor and distinction, with signal success, during the last twenty years or more and it is sincerely to be hoped that matters will shape themselves so that he may continue to be connected with New York's great show several years longer, even if it is only in an advisory capacity. And the same is true of sturdy,

staunch and capable Captain Griffing—he also is on close speaking terms with Seventy Years, but it would seem that two or three younger men should be available who can handle this important exhibition for another five or ten years, under the direction and advice of these older heads who have made it a monument to sterling character and a high order of ability.

A. P. W. READERS ASKED TO REPORT THEIR EXPERIENCE WITH PARCEL POST SERVICE

Special attention is called to the somewhat lengthy editorial herewith, that gives quite full information needed by poultrymen regarding the U. S. parcel post law and regulations, which went into effect the first of this month—see page 190. We have gone to considerable trouble to obtain this information for A. P. W. readers, because we believe the parcel post is to be of immediate and lasting benefit to them, or to such portion of them as are in a position to take advantage of its privileges. This really should include a large majority of our readers, as producers or consumers.

It is not to be expected that the parcel post will get into full swing at once. It will take several months for the general public to realize what this latest departure on the part of our National government means to them in convenience and in actual saving of money. However, it will not be very long before the government will find that it has a large contract on its hands. No doubt the postoffice department is well aware of this, because the parcel post is not "something new under the sun"; on the contrary, it has been in successful use for years in leading European countries.

Here in this wonderful new land of ours we are prone to think that we are pretty much the whole thing and that the nations of the Old World are to be pitied. And so they are, in many respects it must be conceded, but they have solved numerous important problems that we have not yet mastered—and two of these, until very recently, were the parcel post and the postal savings banks, two institutions that have blessed the inhabitants of several European countries for ten to twenty years.

Another matter in which leading European nations are taking far better care of the general public than we do in this country is in the charge of telegraphic service. For example, the cost of sending a ten-word message in England, Scotland, etc., is twelve cents per ten words. This small charge pays for a ten-word message from any point in England, Scotland or Wales to any other point in these divisions of the British Isles, whereas in this country the price would range from twenty-five to seventy-five cents, or from two to six times as much.

In the British Isles the telegraph service is owned and operated by the general government. There is just as good reason, in proportion to the amount of business to be handled, for

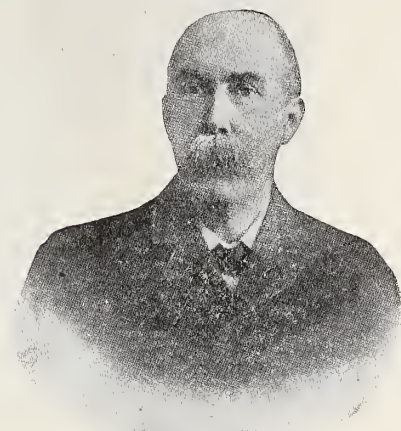
the United States Government to own and operate the telegraph service of this country as there is for it to handle the mail, including parcel post matter. The advent of the long-distance telephone no doubt has postponed the day when the general government will take over the telegraph and telephone service and it is evident that such a change is not likely to occur within the lifetime of the present generation, but in the not distant future, looking out across the decades, this will come to pass, sooner or later—also other important changes of a similar nature.

The U. S. parcel post law, in its present form, is certain to benefit the eggs-for-hatching trade to a large extent. On the contrary, it will not help the day-old-chick business—and there are repeated rumors that the express companies are intending to increase the present rates on day-old chicks, because of the many claims that are made for chicks that die or are injured enroute. The express companies do not like to handle perishable articles of any kind, provided there is danger of their being called on to pay damages. It is their rule to fight shy of damage claims and damage suits, to the best of their ability.

There seems to be no prospect of the postoffice department at Washington interpreting the present parcel post law so that day-old chicks or other live birds of any kind can be transported by mail, regardless of the weight of the shipment or size of the package. If the postoffice department is not willing to handle such live stock as day-old chicks, it is an open question as to how long the express companies will do it and at what rates. No doubt the express companies are willing to transport anything that can be handled at a profit and within the law, but they can be depended on to charge a rate high enough to compensate them and if there are to be many claims for damages. In handling day-old chicks, for example, they will protect themselves, in one way or another, against loss from this direction.

A. P. W. would like very much to have those of its readers who take advantage of the parcel post, report results. These reports, no doubt, will make interesting and instructive reading matter—and should help the poultry business very materially. Write us about your experiences and tell us how well you like the new means of transportation; also how well your customers like it. Already shipping boxes for hatching eggs are on the market, two or three styles being advertised in these columns. Undoubtedly a large number of our readers will try out the parcel post method of delivering eggs—both table eggs and hatching eggs—to their customers and we hereby urgently request them to

let us know how well the plan works, giving our readers the facts and offering helpful suggestions.



H. V. Crawford, Montclair, N. J., whose efficient service as Secretary-Manager of the Madison Square Garden Poultry Show, for over twenty years, has made it the greatest event of its kind in America.

EARLY AND LASTING RELIEF IS HOPED FOR FROM THE U. S. PARCEL POST

"Investigation the other day revealed that eggs for which the farmers around Philadelphia receive nineteen cents a dozen cost the city consumer thirty-six cents.

"That state of things excites pleasant anticipations of what the parcel post, which promises to carry eggs from the farm to the kitchen, will do for both parties to the deal."—Philadelphia North American.

By parcel post it will cost about eight cents per dozen to deliver eggs anywhere in Philadelphia from any point within practically fifty miles of the Philadelphia postoffice, and the same will be true of other centers of

population. On this basis, if the city consumers were to pay thirty-six cents per dozen, the producer would realize twenty-eight cents per dozen, less the cost of the package and packing, in place of the nineteen cents per dozen above mentioned. But the chances are that the producer will share the saving with the consumer—with his customer.

At present express rates it does not cost as much as eight cents per dozen to ship eggs fifty miles or less to market, not if fifteen to thirty dozen are shipped at one time in one package; but the trouble is that the average family does not want fresh eggs in such quantities. The housewife prefers to buy new-laid eggs in one, two or three dozen lots and if she were to try to have these small quantities shipped in by a producer every three or four days by express, she would be called on to pay two or three times eight cents per dozen for transportation, including delivery to the kitchen door.

One of the most wasteful conditions in this country today is to be found in our transportation and delivery system. Perhaps in no other great branch of modern civilization do we "fall down" worse. Season after season incalculable quantities of fruit and vegetables perish in the country only twenty-five, fifty and one hundred miles from the centers of population, while in the cities the masses literally "go hungry" for these food products.

Meanwhile in our cities twenty to thirty milkmen—for example, using twenty to thirty wagons and twenty to thirty horses criss-cross, over and back, hither and yon, delivering milk to twenty, to thirty sets of private customers, whereas if these deliveries



FIRST PRIZE WHITE ORPINGTON COCK BUFFALO SHOW 1911.
BRED AND OWNED BY LAWRENCE JACKSON HAYSVILLE PA.

WHITE ORPINGTONS

An Established Strain with an Established Record

Write for catalogue giving list of winnings at Madison Square Garden, Chicago, Buffalo International, Cleveland, Allentown, Hagerstown and Pittsburgh. We have supplied hundreds of guaranteed winners and have started thousands of people in the chicken business with breeding stock at moderate prices, quality considered. We are now booking orders for winners for the fall and winter shows, in Single Comb as well as the new Rose Comb White Orpingtons, on payment of a small deposit. A few bargains left in yearling breeders. "Poultry for Profit" gives the essentials of the poultry business. Price 25 cents. It contains no advertising. Our advertising is free for the asking.

We Have Improved the White Orpingtons And We Can Improve Your Flock.

Lawrence Jackson Farm,

Allegheny Co.,

Box W,

Haysville, Pa.



CARVER'S RED FARM

Home of Queen Quality Reds—Both Combs

The SENSATIONAL champions of the year—at Cleveland we won in the hottest class ever shown there, 1st cockerel, 1st hen, 1st pullet, special for best colored male, special for best colored female, special for best shaped female—Silver tea set for best cockerel, Silver tea set for best display—and the coveted State Cup for the best Reds in Ohio. Grandest colored Reds ever offered to the fancier at cut rate prices that will surprise you. Write for prices on just what you want for your breeding pens or for the shows.

A. A. CARVER,

Lock Box No. 2,

SEVILLE, OHIO

were arranged on a different basis, one milkman with one wagon and one horse could do the work of five to ten and have time to spare.

Yet we are told that we must have competition. Very true, no doubt; but there are different forms of competition. One form spells saving; the other means waste. The kind of competition that requires five men and five wagons and five horses to do the work of one of each is silly, is a sorry joke on mankind—unless we take the position that the delivery of milk from house to house in the early dawn is a mental and soul-developing occupation that must not be given up on any pretext.

JUST WHAT IS THE MATTER WITH CANADIAN HENS?

The question arose lately, as to how many eggs the Canadians ship annually into the United States and the number that we send each year from this side across the line into Canada. Following is a report from the chief of the Markets Division of the Canadian Department of Agriculture, and we are of the opinion that a large majority of A. P. W. readers will be as much surprised as we were at the great difference:

"Department of Agriculture, Canada.
"Office of
"The Dairy and Cold Storage Commissioner.

"Ottawa, September 30th, 1912.
"Editor American Poultry World,
"Buffalo, N. Y.

"Your letter of the 27th inst. addressed to Mr. Ruddick has been transferred to me, and in reply I have much pleasure in giving you the information asked for. The quantity of eggs imported into Canada from the United States during the year ended March 31st, 1912, was 7,476,247 dozens, and the quantity exported from Canada to the United States during the same period was 17,403 dozens. Duty on eggs coming into Canada from the United States is three cents per dozen.

"Yours truly,
"W. A. Moore,
"Chief, Markets Division."

The duty on eggs shipped from Canada into the United States is five cents per dozen. This duty applies alike to

eggs for human consumption and for hatching purposes.

The difference between the Canadian duty of three cents per dozen and the U. S. duty of five cents is not sufficient to explain the great differ-

ence that exists between the total annual shipments made southward and those sent northward. Heretofore we have held the Canadian hen in high regard, but the great disparity between the trifling amount of her pro-



A fine specimen of the Modern White Leghorn type of exhibition male, this cock showing an exceptionally good comb, well furnished neck feathering and fully furnished tail carried at the proper angle. Like all other White Leghorns bred at Dune Alpin Farm, this bird is absolutely white in plumage.

ALDRICH WHITE ORPINGTONS THE WINNING STRAIN



If you want the **best** in White Orpingtons, either in **Exhibition Stock**, **High Class Breeders** or **eggs** and at prices lower than ever before quoted, for **highest quality**, write us and let us send you our new catalog and quote you prices. Our customers are winning in the best shows this season in all sections of the country and our winnings of 58 prizes last season and this at Chicago, St. Louis, Cleveland, Pittsburgh, Baltimore, Allentown, Augusta, Atlanta and **Madison Square Garden** is ample proof that we can supply stock that **cannot be excelled**. Our 30 mated pens contain over 200 prize winners of the best shows in America of **this** and last years, and eggs from these pens are \$5, \$10 and \$15 per setting. Book your order early and save disappointment. Remember we guarantee satisfaction.

ALDRICH POULTRY FARM,

4075 N. High Street,

COLUMBUS, OHIO

duct that is sold to us each year, as compared with the millions of dozens of eggs that are shipped from the States into Canada, has placed her under suspicion. It begins to look as though she is "loafing on the job".

Probably it was the prices obtainable for market eggs in Canada that caused seven and a half million dozen to be shipped from the United States into the Dominion during the year ending March 31st, 1912. The prices over there had to be enough higher to cover the cost of transportation and extra handling, also to overcome the handicap of a three-cents-per-dozen tariff duty. Isn't it a bit surprising that this difference in prices should have existed?

The Canadians are quite strong for poultry, especially in the fertile province of Ontario. It may be that a large portion of these eggs went into the colder latitudes of the Dominion. But in that case, why should not the more southern sections, like Ontario, for example, have supplied the seven and a half million dozen, thereby keeping the purchase price at home? Not that we object in the slightest to having this Canadian money sent to American poultry keepers, but Canadian poultrymen have the right to look after their own best interests—and to "do it first".

Another set of figures came under our notice recently that causes us to suspect that the Canadian cow is fully as remiss as the Canadian hen. The New York Produce Review, of date September 24th, 1912, contained these figures:

"Reference is first made to statistics contained in a recent report of J. A. Ruddick, Canada's dairy commissioner, by which it appears that in the year ending March 31, 1912, Canada imported more than 3,000,000 pounds of butter, of which 2,139,844 lbs. was brought from New Zealand and 929,318 lbs. from the United States."

New Zealand is a long distance from Canada, but has a productive soil and highly favorable climate. Furthermore, the cost of transportation by water is low, comparatively speaking; yet it must be discouraging to the Canadian dairyman to have this New Zealand butter enter his market in competition, especially so when his comparative disadvantages of soil and climate are taken into consideration.

The free trade idea is to buy in the cheapest market and to sell in the one where you can get the most for your product. This would be ideal if the whole earth, so far as it is inhabited, were one great nation and the people

in all sections were making the best possible use of local conditions and working faithfully for the common good of all; but for better or worse we are not in that state, not by a very wide margin. On the contrary, we create boundary lines and act like so many caged animals that are ready to rend and kill if angered and "turned loose". We go without food, without clothes, without culture in order to build dreadnoughts and buy cannon and then when some one pulls the string we fling up our hats, yell like a pack of savages, literally sniff blood, human blood, the life-fluid of our fellow-men and then we do as we are taught—call it patriotism!

If there are angels somewhere and they really are given to "weeping", that must have been their regular occupation thus far in the history of pitiable old mother earth. But let's see—the question is, Why don't Canadian hens lay more eggs and why don't Canadian cows produce more butter? Those are the vitally important and momentous questions now up for serious consideration. Indeed, and why not?

MEN WHO STAND READY TO SERVE THE AMERICAN POUL- TRY ASSOCIATION IN OF- FICIAL CAPACITIES

On page 188 is published a picture made from a photograph taken by Artist Schilling at Nashville, last summer, that shows three men who well deserve to be elected to the presidency of the American Poultry Association. Reading from left to right they are, E. E. Richards, Cedar Rapids, Iowa; Henry Steinmesch, St. Louis, Mo., and Chas. D. Cleveland, Eatontown, N. J.

The first week of next month, the election commissioner of A. P. A.—O. L. McCord, Danville, Ill., will mail out blank nominating ballots to all members of the association and ask them to return these ballots within thirty days, expressing their choice for the following named officers:

President, two vice-presidents, a secretary and three members of the executive board, each of said members to serve for a term of three years.

The men who now hold the above mentioned offices are:

President, Reese V. Hicks, Topeka, Kansas.

First vice-president, Samuel J. Hopper, Dallas, Texas.

Second vice-president, Dr. W. C. Cleckley, Augusta, Ga.

Members of Executive Board, U. R. Fishel, Hope, Ind.; T. E. Quisenberry, Mountain Grove, Mo., and Grant M. Curtis, Buffalo, N. Y.

Messrs. Hicks and Curtis have announced that they are not candidates for re-election. Messrs. Hopper and Cleckley have not made announcements, so far as we have been informed. Mr. Fishel has frequently been suggested for president, but at the recent Chicago show he stated that the requirements of his poultry business are such that he could not give the necessary time to the duties of president. On the other hand, Mr. Fishel would be glad to be re-elected to a position on the executive board and will be pleased to serve the association as treasurer, provided he is again placed on the board and a majority of the members of the board desire to have him continue in his present office. According to the constitution of A. P. A., the treasurer is elected by the executive board and must be a member of the board during his term of office.

E. E. Richards has served four years on the executive board and has done especially good work as chairman of the advisory committee on complaints and grievances. He is the publisher and editor of Western Poultry Journal and has been prominently identified with the poultry industry of the central-west for many years, especially in connection with the Cedar Rapids poultry show and the big and successful exhibitions held during the last four or five years at Chicago.

At the last election Mr. Steinmesch received three hundred votes for the office of president, although he made no active campaign—in fact, had not consented to have his name appear on the election ballot. Mr. Steinmesch would accept the office of president, but feels strongly that in a case of this kind the office should seek the man, not the reverse. For twenty years or more Mr. Steinmesch has worked hard and faithfully in behalf of the standard-bred poultry interests of the central-west, including especially valuable service rendered as a member of the Missouri State Poultry Association and the St. Louis Poultry Association. More than any other man in Missouri during this period he has held the fort and pushed forward the outposts, doing so in many cases when it meant personal sacrifice and a heavy investment of time and labor.

According to the latest edition of

Begin the New Year Right With **BRIGHT'S** BEST OF ALL BARRED PLYMOUTH ROCKS

We are very proud of the success attained by our Barred Plymouth Rocks! We are very much prouder of the fact that our success lies not only in producing an occasional phenomenal specimen, but in producing an *entire flock* whose *extreme qualities* are so *general* as to place us as breeders in a class by *ourselves*! We are confident that no other Yards in the World can produce annually the *great number of Supreme Quality* specimens that are to be found each year at *Grove Hill*. Our consistent and heavy winning of highest prizes at the largest shows, including New York, Boston, Chicago, Topeka, and the three Greatest World's Fairs, prove our statement. *COCKS, HENS, COCKERELS and PULLETS* in perfect condition and able to win any show, our specialty.

GROVE HILL POULTRY YARDS, William Ellery Bright, Prop., F. G. Cook, Supt., Box 804, WALTHAM, MASS.

the official proceedings of A. P. A., Messrs. Richards and Steinmesch joined the association on the same date, January 17, 1900.

Charles D. Cleveland joined the American Poultry Association August

New York State Branch a resolution was adopted endorsing Mr. Essex for president of the parent body. At a banquet given early in December by the Empire Poultry Association, in connection with the Grand Central

Palace Poultry Show, New York City, Mr. Thompson was proposed for the presidency of A. P. A. and this suggestion met with the hearty approval of a majority of the guests. Either one of these men would be competent to handle the duties of president of A. P. A.—and the association is to be congratulated on having so large a list of able men from which to make its choice during several years

to come. Mr. Thompson joined the association in 1891, twenty-two years ago, and Mr. Essex became a member September 17, 1903.

This year S. T. Campbell, for five years the hard-working and result-getting secretary of A. P. A., has competition. John A. Murkin, Nashville, Tennessee, announced last month, during the progress of the Chicago Poultry Show, that he is going to ask his friends to vote for him for the office of secretary and there can be

no doubt that he will receive a large vote, especially in the south and south-west. For years Mr. Murkin has been prominently identified with the poultry interests of the south. He was superintendent of the poultry exhibition held in connection with the Jamestown Exposition, Portsmouth, Va., in 1907, and for a term of years he has been the main-stay of the poultry department of the Tennessee State Fair, held annually at Nashville. It was through Mr. Murkin's efforts that the A. P. A. held its thirty-eighth annual convention at Nashville, last August, and he distinguished himself, in fact, excelled all past records, as chairman of the committee on entertainment and reception.

On the other hand, it is probable that a majority of the voting members of A. P. A. will feel that Mr. Campbell deserves to be re-elected for another term or two, on account of the hard and faithful work he has done during the past four or five years for which he has been only moderately compensated. At Nashville, last summer, the salary of the secretary was increased from \$1,500 to \$2,000 a year—this increase being voted without a dissenting voice and in direct recognition of the able and beneficial work done by Mr. Campbell. It would seem, therefore, that he ought to be retained in office at least for another year or two, under the increased salary, thus allowing him to profit by conditions created by his own efforts and valuable service. Acting as secretary, Mr. Campbell has given up three rooms of his residence to the work of A. P. A., for which no rent has been paid and Mrs. Campbell has been of great help to him in his official duties—and nothing has been



A. P. A. PRESIDENTIAL TIMBER OF BLUE RIBBON QUALITY.

From left to right these men are: E. E. Richards, Cedar Rapids, Ia.; Henry Steinmesch, St. Louis, Mo., and Chas. D. Cleveland, Eatontown, N. J. Photographed by A. O. Schilling; August, 1912, at the 38th Annual Convention of the A. P. A. at Nashville, Tenn.

14, 1907. From the first he has taken an active interest in the welfare and progress of the organization and has rendered valuable service in several important capacities. He is a member of the executive board, also of the advisory committee. Mr. Cleveland was a lawyer by profession until about a year ago, when he gave up his practice in New York City and bought a one hundred and twenty acre farm near Eatontown. For several years he has been a successful breeder of exhibition-quality White and Columbian Wyandottes. On this farm he is making the poultry business his regular occupation, with the intention of devoting his entire time and energies to the poultry industry. Mr. Cleveland has taken a prominent part in advancing the poultry interests of New Jersey, including the development of the New Jersey State Branch of A. P. A. and the securing of a state appropriation for the establishment of a poultry department at the New Jersey College of Agriculture, New Brunswick, where recently has been completed one of the best experimental poultry plants now in operation under state control and at public expense.

Two other well-known members of A. P. A. have been proposed for the high office of president. They are Robert H. Essex, Buffalo, N. Y., president of the Robert Essex Incubator Company, also president of the New York State Branch of A. P. A., and E. B. Thompson, well-known Barred Plymouth Rock specialist of Amenia, N. Y. Last fall at a meeting of the

SUNNYBROOK FARM

EATONTOWN, N. J.

White and Columbian Wyandottes - Utility S. C. White Leghorns

JULY 15, 1912.

AMERICAN POULTRY WORLD,
GENTLEMEN:—

We are moving to our **new 130 acre farm** and have our hands full with over 600 Wyandottes and 2000 Leghorns. On this account we will sacrifice many of our last season's breeders at **very low prices**, rather than move them. Please note our change of address to Eatontown, N. J.

Yours very truly,

Box 14

SUNNYBROOK FARM,

Charles D. Cleveland

Prop.

McKEE'S WHITE ORPINGTON YARDS OF WATERTOWN, TENN., Route 1

are giving away \$150.00 in gold to customers. Write for particulars. We won at 4 shows, 22 firsts, 18 seconds, 5 thirds, a number of specials. We can improve your flock. The most of our yards are headed with stay White males, all above standard weight. We also import any variety. Catalog ready January 15th.

paid to her for this assistance. In the opinion of A. P. W., Mr. Campbell is entitled to re-election and we hope that a majority of the voting members will take this view of the case.

As above stated, U. R. Fishel would like to be re-elected to his present position on the executive board and we are reliably informed that Mr. Quisenberry will accept re-election. Undoubtedly these two men should be retained in office. They are well informed, deeply interested and strictly reliable. Other men who have been mentioned for positions on the executive board are Robt. Seaman, Jericho, Long Island, N. Y., president of the Empire Poultry Association, and William C. Denny, Buffalo, N. Y., business manager and associate editor of this paper. Louis G. Heller, Bridgeton, N. J., has announced his candidacy for a member of the executive board. We have not had the pleasure of meeting Mr. Heller. On his letterhead appears the emblem of A. P. A. and this wording, "Louis G. Heller, The Square Deal Poultry Judge".

Messrs. Seaman and Denny are well-known in the eastern poultry field and Mr. Denny's acquaintance extends westward to the Pacific Coast, where he has served repeatedly as poultry judge. Mr. Seaman has long been identified with the poultry interests of New York State and is a man of ability and sterling character. Mr. Denny is a younger man and on account of his poultry judging has met a large number of poultrymen, a great majority of whom no doubt are his friends and well-wishers. Either one of these men, if elected to a position on the executive board, will take up the work with much earnestness and can be relied on to do their level best to promote the welfare of the organization and the industry it represents.

At the last election, held a year ago, Joseph Russell of Toronto, Canada, received a large vote for the office of first vice-president. Canada should be represented among the officers of A. P. A. and if Mr. Russell will again stand for election we believe he will be the choice of a majority of the membership.

It would seem that the south and south-west should select the second vice-president—who will serve as a member of the executive board—and



Breeding Pen on the Chas. V. Keeler White Wyandotte Farm, Winamac, Ind.

among the men available for this position are Messrs. Cleckley, Hopper and Murkin. A. P. W. has no desire to try to dictate. We are endeavoring merely to present the candidates on a basis of merit and as representing all sections of the territory in which the organization has members. The association is to be congratulated at this time on having so many men of high business attainments and personal character offer their services. It will be hard for the association to make a very serious mistake in the

list of available candidates—in fact, we have no doubt that the men chosen will fill the respective offices ably and conscientiously.

The time and place of holding the thirty-ninth annual convention of A. P. A. are also to be decided by mail vote, nominating ballots to be sent out next month and the election ballots the first week of April. Detroit, Mich., and Atlantic City, N. J., are in the field as the next place of meeting and it is probable that the second week of August will again be selected

You Can Win and Breed Winners With

BRIGHT'S BEAUTY BROWN LEGHORNS

We have 150 S. C. Brown Leghorn cockerels now matured and in show condition fit to win at any show from Maine to California. Rich red fellows with lustrous greenish shading in black coloring, birds of large size and the best head points we ever saw in a flock of Leghorns.

A few splendid show hens and pullets for sale, also some grand breeders in these classes at desirable prices.

Consider our winnings at all the leading shows of the country.

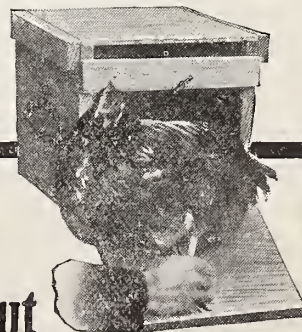
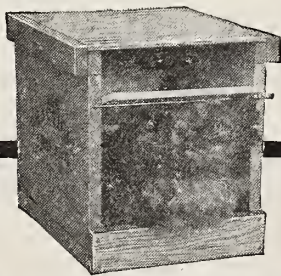
GROVE HILL POULTRY YARDS,

William Ellery Bright, Prop.

F. G. Cook, Supt.

Box 804-A,

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Weed Out the Hens that Produce Nothing, but Eat Much, with Newtown Practical Trap Nests—\$1.00 Each

NEWTOWN PRODUCING COMPANY, Newtown, Pa., U. S. A.

as the time for holding the next convention.

NEW MEMBERS OF A. P. A.

Since the last issue of AMERICAN POULTRY WORLD went to press the following new members have been elected to membership in the American Poultry Association, by action of the Executive Board:

OHIO—C. C. Beatty, Van Wert; Thomas M. Barcus, Mansfield; Howard V. Kell, Canton; G. W. Cunningham, Cleveland; J. H. Seeton, Canton; Bellevue 4-County Poultry & Corn Assn., Bellevue; Allen Tracht, Galion; A. V. Sharp, Bucyrus; G. W. Koos, Canal Dover; Dennis G. Welch, Ashley; Walter C. Renaker, Cincinnati; Ira T. Matteson, Upper Sandusky; Springfield P. & P. S. Assn., Springfield; Albert E. Maddox, Cleveland; C. A. Ringler, Rochester; Howard T. Wilson, Mansfield; R. H. Lindhorst, Cleveland; J. N. Traxler, Findlay; Fred J. Phelps, Bucyrus.

IOWA—Winneshiek Co. Poultry Assn., Decorah; Lewis Bratlebo, Story City; J. H. Rozema, Keosauqua; Corn Belt Poultry Assn., Keosauqua; W. J. Oliver, Boone; N. W. Falk, Oelwein; Geo. M. Trupin, Ames; A. V. Everett, Rolfe; J. A. Vandike, Elberon; L. G. Wertz, Sioux City.

CALIFORNIA—Mrs. Hugh McGowan, Watsonville; Nat. E. Luce, Los Angeles; C. L. Griffith, Pleasanton; E. A. Pyke, Oroville; T. L. Green, San Mateo; H. R. Campbell, Petaluma; Albert A. Bamford, Gardena; Leon F. Douglas, San Rafael; Mrs. Wm. Bond, Newark; R. N. Foster, Hopland.

ILLINOIS—Wm. S. Damhorst, Quincy; Richmond Poultry Assn., Richmond; Ever't C. McKibben, Arcola; John B. Harris, Astoria; R. Willis James, Bradford; J. S. Dales, Springfield; Wm. J. Jones, Bader.

N. DAKOTA—O. A. Barton, Valley City; Geo. C. Hager, Valley City; O. S. Mason, Valley City; G. Walter McDonnell, Valley City; C. C. Chaffer, Valley City; McNeal C. James, Valley City.

MISSOURI—M. L. Stamper, Clifton Hill; Joseph H. Fischer, Frohna; Alfred Sauerbier, Lee's Summit; Mrs. J. D. Rice, Hickory; Elizabeth Hodge, Columbia; W. E. McDonald, Centralia.

LOUISIANA—Mrs. C. B. Crisley, New Orleans; W. T. West, Hammond; H. G. Chalfant, Winnfield; Mrs. John Comegys, Shreveport; T. E. Newton, Bernice.

NEW YORK—J. Alvah Scott, Ossining; Frederick C. Stevens, Attica; K. M. Turner, West Nyack; Arthur Webster, Fishers; John D. G. Greenenich, Mt. Vernon; Alfred S. Higgins, New York.

KANSAS—A. G. Stevens, Coffeyville; N. L. Fevurly, Easton; A. P. Moore, Stafford.

CONNECTICUT—Mrs. Henry L. Pardee, New Haven; Wm. W. Udeil, Greenwich; R. G. Rockfeller, West Haven; John E. Bliss, Clinton.

PENNSYLVANIA—Edwin C. Snyder, Allentown; J. Walter Keller, Nornton; Pittston Poultry & Kennel Club, Pittston; C. A. Duke, Duke Center.

MASSACHUSETTS—Louis C. Galbraith, Southboro; American Blue Orpington Club, Weymouth; L. W. Standish, Stoughton; C. O. Drown, Weymouth.

TEXAS—Mrs. J. H. Bender, Cleburne; Richard H. Eckhardt, Yorktown; Lee F. Eckert, Mason.

N. CAROLINA—High Parks, Jr., Franklinville; J. W. Curtis, Liberty; W. A. Coffin, Asheboro.

MARYLAND—J. S. Dutrow, Adamstown; J. Lee Simmons, Adamstown.

MINNESOTA—Aug. Tabor, Two Harbors; W. E. Nelson, Minneapolis.

OREGON—E. W. Elrod, Lents; C. F. Williams, Salem.

WISCONSIN—Fox River Poultry and Pet Stock Assn., Appleton; Wm. A. Halbach, Waterford.

MICHIGAN—Geo. H. Johnstone, Royal Oak; Kalamazoo Poultry Assn., Kalamazoo.

S. DAKOTA—Geo. M. Bailey, Redfield; Harry J. Waul, Trent.

NEW JERSEY—L. C. Schroeder, Spotswood; A. M. Kuntz, Iselin.

WASHINGTON—Ivon B. Fenton, Winlock.

VIRGINIA—I. Davenport Williams, Richmond.

OKLAHOMA—V. R. McBride, Stillwater; F. F. Parker, Altus.

INDIANA—Huntington P., P. & P. S. Assn., Huntington.

MANITOBA—The Winnipeg Poultry Assn., Clarkswood.

IMMEDIATE BENEFIT OF U. S. PARCEL POST TO THE POULTRY BUSINESS OF THIS COUNTRY

We have before us the sections of the U. S. parcel post law and regulations that relate to the handling of eggs and poultry, also a copy of the Scarborough parcel post rate map of the United States and are pleased to furnish readers of A. P. W. the following reliable information:

The general act of Congress, approved August 24, 1912, which established the U. S. parcel post and granted the postmaster-general the necessary authority, was as follows:

"That hereafter fourth-class mail matter shall embrace all other matter, including farm and factory products, not now embraced by law in either the first, second or third class, not exceeding eleven pounds in weight, nor greater in size than seventy-two inches in length and girth combined, nor in form or kind likely to injure the person of any postal employee or damage the mail equipment or other mail matter and not of a character perishable with-

in a period reasonably required for transportation and delivery."

To determine the size or bulk of a package, provided there is any doubt on this point, use a six-foot tape line or a piece of string of any kind that is 72 inches long. With one end of the tape or string, measure the length of the package, taking the extreme points; then endeavor to wrap the remainder of the tape or string around the package in the other direction, i. e., around its width and depth at the point of greatest thickness, but not lengthwise of the package. If the remainder of the tape or string is sufficient to encircle the girth of the package at its bulkiest point, the package is within the prescribed limit of six feet, or 72 inches.

As examples, a package may be 3½ feet in length and measure 2½ feet around its girth, thus making a total of six feet for the combined length and girth. Or the package may be three feet in length and three feet in girth, or five feet in length and one foot in girth. Moreover, it may be built like a fishing rod, i. e., can be seventy inches in length, provided the remaining two inches of the six feet (seventy-two inches) will reach around the rod at its thickest point. Certainly this provision of the postal law gives a wide variation to the shape of packages that are acceptable for mailing.

Under the heading "Limit of weight and size", the parcel post regulations,

Winning Rose and Single Comb Reds

Our birds have style, shape and color. Our magnificent winning at Ohio State A. P. A. Show (Mansfield, December 2-7) proves the superlative quality of our birds. We won 2 firsts, 2 seconds and 2 fourths in Single Combs and 6 excellent places on Rose Combs. Lots of stock for sale. We will treat you right.

CARL C. BEATTY,

VAN WERT, OHIO

THE FINEST CHICKS HATCHED IN 1913

Will Come From the

The Everlay Farm S. C. W. Leghorns

365 days in every year our stock is cared for with one object in view—the production in season of sound, vigorous chicks, eggs for hatching that are a credit to us, and high grade utility and beauty breeding stock. We have the plant, the experience, and one of the most uniform flocks of breeders in the world. From January 1st to December 31 we are on the job, and our customers are sharing with us the benefits of correct breeding, housing and feeding.

Stock, Eggs, or Day Old Chicks, purchased from us have the necessary constitutional vigor to stand extreme forcing for egg production, or if used for breeders will prove unusually satisfactory.

1700 Selected Breeders

4000 Chicks per week

We were 30,000 chicks short of the demand last season. This year we have increased our capacity, and built one of the finest hatcheries in the east. Every Egg and Chick we ship is from our own selected stock, and we can promise you "Prompt Service" if you order NOW.

CHICK PRICES—\$115 and \$135 per 1000. \$12 and \$15 per 100. Early or late hatches just the same price.

Our new catalog will be ready to mail about December 1st. Every one who is interested in securing a strain of birds that are second to none as profit payers should send for it at once.

Address

THE EVERLAY FARM,

METHUEN, MASS.

as furnished to postmasters by the postoffice department, read as follows:

"Sec. 15. If a parcel exceeds 11 pounds in weight or is greater in size than 72 inches in length and girth combined, it must be refused, no matter how small the excess may be in either case."

As regards means and methods of packing a wide difference is made between parcel post matter that is to be handled by "local delivery" and mailable articles of various kinds that are to be transported long distances, i. e., beyond the limits of the territory covered by city mail carriers or by rural routes in the country districts. For example, the package and packing for local delivery need only be sufficient to insure safe handling by the local carriers or rural route postmen, whereas the same article or merchandise, if to be shipped a long distance, will have to be packed securely enough so that it will not be "likely to injure the person of any postal employe or damage the mail equipment or other mail matter", etc. And such article or goods must not be "of a character perishable within the period reasonably required for transportation and delivery."

Section 17 of the "Parcel Post Regulations", under the heading, "Un-mailable Matter", reads as follows:

"Pistols or revolvers whether in detachable parts or otherwise, live or dead (and not stuffed) animals, birds or poultry (except see sections 29 and 34) raw hides or pelts, guano or any article having a bad odor shall not be admitted to the mails."

Sections 29 and 34, which are mentioned in the foregoing section as "exceptions", read as follows:

"Sec. 29. Queen bees, live insects and dried reptiles may be mailed in accordance with instructions of the Department of Agriculture."

"Sec. 34. Parcels containing perishable articles must be marked 'Perishable.' Articles likely to spoil within the time reasonably required for transportation and delivery must not be accepted for mailing."

"(2) Butter, lard and perishable articles such as fish, fresh meats, dressed fowls, vegetables, fruits, berries and articles of a similar nature which decay quickly, when so packed or wrapped as to prevent damage to other mail matter will be acceptable for local delivery either at the office of mailing or on any local route starting therefrom, when enclosed in an inner cover and a strong outer cover of wood, metal, heavy corrugated paste-board, or other suitable material, and wrapped so that nothing can escape from the package, they will be accepted for mailing to all offices in the first zone."

"(5) Eggs will be acceptable for local delivery when so packed in a basket or other container as to prevent damage to other mail matter."

"(6) Eggs will be acceptable for mailing regardless of distance, when each egg is wrapped separately and surrounded with excelsior, cotton, or other suitable material and packed in a container made of double corrugated paste-board, metal, wood or other suitable material in such manner as to place each egg on its end and prevent them from striking together or against the top or side of the container, with an outer cover of double corrugated paste-board, metal, wood or other suitable material and wrapped so that nothing can escape from the package. All such parcels must be marked 'EGGS.'"

It will be noted that Section 17, above quoted, provides that "birds or

poultry" are "unmailable", except as provided in Sections 29 and 34. Nothing is said in Section 29 relative to poultry and there is nothing in Section 34 that makes an exception of "live" birds or poultry. In Section 34, paragraph 2, dressed fowls are named as mailable matter, under stated restrictions, but it is evident that the postoffice department is not authorized by law, and for the present has no intention, of accepting live poultry in any form, either chicks or adults, for transportation through the mails as parcel post matter.

It is made plain, also, that "dressed fowls"—squab broilers, broilers, fryers, roasting chickens, etc.—are to be accepted "for local delivery, either at the office of mailing or on any local route starting therefrom", also "for mailing to all offices in the first zone", provided, in the latter case, the dressed fowls are suitably packed for the trip, etc. On the other hand, because of the "perishable" nature of dressed fowls, especially during the summer months, they cannot be shipped by parcel post, no matter how boxed and packed, beyond the limits of the first zone, which zone consists of a circle one hundred miles in diameter, with the shipper's home postoffice taken as the center of the circle.

It will be noted by paragraph 6 of Section 34 that eggs for table use, also eggs for hatching are "acceptable for mailing, regardless of distance", pro-

vided the eggs are wrapped and packed as described. The method of wrapping and packing is not a hardship, but conforms closely to the methods now employed by experienced poultry keepers who do an extensive business in the sale of hatching eggs by the sitting—one, two or three sittings to be sent forward in a substantial corrugated paste-board box or in a wooden box or in a basket. It would appear that the words (see paragraph 6, Section 34 above quoted) "or other suitable material", will allow the use of ordinary market baskets for shipping one, two or three sittings of eggs—up to the eleven-pound weight limit—provided the eggs are well packed and the basket is covered with muslin cloth that is sewed securely in place, as is the practice.

Readers of A. P. W.—especially those who look forward to using the parcel post for the shipment of eggs for hatching, also other valuable goods or articles—will be pleased to learn that all parcel post shipments can be insured, up to the value of fifty dollars, by payment of the merely nominal sum of ten cents per package and by this means the package not only will be insured against loss, up to the value stated, but the payment of the ten cents on each package also covers the cost of having a signed receipt returned to the shipper as proof that the person to whom the eggs or other

Bown's Columbian Rocks

are as near perfection as skill and painstaking breeding can make them. I have hundreds of youngsters now growing to win blue

ribbons for you next season. Place your orders now.

Lew H. Bown, Columbian Rock Specialist,

East Aurora, N. Y.



Moore Bros. S. C. White Leghorns

represent the highest development of the modern Leghorn. Their record at such shows as Grand Central Palace, Rochester and Buffalo establishes them as one of America's Leading Strains. They have that style and grace that immediately catches the eye. Sound color, fine heads and low well spread tails is a fixed characteristic in our Leghorns.

YOU CAN WIN WITH OUR STRAIN

We will have twelve selected breeding pens for the Eggs for Hatching and Chick trade. Now booking orders. Send for mating list containing cuts and winnings.

Eggs \$2, \$5 and \$10 per 15. Day-old Chicks from 15c to \$1.50 each.

MOORE BROS.,

Box W,

MOSCOW, N. Y.

OLD ACRES RHODE ISLAND REDS CHAMPIONS

DO YOU REALIZE that we won the \$50 club cup for the best cock, hen, cockerel, pullet and pen at the annual meeting of the Rhode Island Red Club of America at Boston last season; also three of the six ribbons in the great cockerel class at Madison Square Garden?

Do you recall that we won first and third cockerel both at Madison Square Garden and Boston the season before last? The above winnings in competition with the largest and best known Rhode Island Red breeders in the East.

How in face of these facts, can you do better than to send to us for your exhibition and breeding stock this year?

Any stock we send you is sent strictly on approval and can be returned at our expense if not perfectly satisfactory.

IF YOU WANT TO WIN let us hear from you. Reference Cosmopolitan Trust Co. of Boston. Address

OLD ACRES
DILLEY & STEPHENS, Owners, FOXBORO, MASS.

goods were sent has actually received them.

Following are the provisions of the law, with reference to this important privilege, as embodied in the parcel post regulations that have been furnished to postmasters throughout the country:

"Sec. 62. A mailable parcel on which the postage is prepaid may be insured against loss in an amount equivalent to its value, but not to exceed \$50.00, on payment of a fee of 10 cents in parcel post stamps, such stamps to be affixed.

"(2) When a parcel is insured, the sender will be given a receipt showing the office and date of mailing and number of parcel. The parcel should be numbered to correspond with the receipt and should be stamped 'INSURED' and an insurance tag securely attached. It will then be treated as ordinary mail until it reaches the office of address when it must be delivered to the addressee, or unless otherwise directed by the addressee to the person, firm or corporation in whose care it is addressed. Or, to any responsible person to whom the addressee's ordinary mail is customarily delivered and a receipt obtained therefor on the tag attached to the parcel.

"(4) When a return receipt is desired by sender of an insured parcel, the postmaster at the mailing office shall stamp or write across the margin of the insurance tag the words 'RETURN RECEIPT DESIRED' and the postmaster at the office of address shall obtain from the addressee a receipt and mail it to the sender.

"(8) When an insured parcel is lost or rifed and a claim for indemnity is made at the office of mailing, the sender shall be required to file an affidavit showing the number of parcel, name of office, the date of mailing and the name and address of addressee, the contents of the parcel, its actual value and to whom the insurance is to be paid. The postmaster shall certify on this from the record of his office and its declared value. The form shall be forwarded by the postmaster to the postmaster at the office of address who shall certify whether the parcel has been received and, if so, the disposition made of it. The addressee shall be required to make an affidavit on the

form that he has not received the package or reimbursement therefor.

"(10) The form when complete shall be sent promptly to the Third Assistant Postmaster General for payment of indemnity.

"(11) No indemnity shall be paid unless a claim therefor is made within six months from the date the parcel was mailed."

The postage rate by parcel post is decidedly lower than existing express rates on packages weighing seven pounds or less that are to be transported distances not exceeding three hundred miles. As a matter of fact, on such packages to be delivered within the three hundred mile limit, the rate, on the average, is forty-three per cent. less than the express rates now in force for packages of the same weight to be delivered equal distances. When the weight of a parcel post package goes above seven pounds and the distance exceeds three hundred miles, the parcel post and present express rates draw closer together—in fact, the parcel post rate on long hauls, ranging from six hundred to a thousand miles and over, are somewhat higher, in a number of cases, than the present express rates. In other words, the parcel post is going to work a much greater saving on short-distance shipments than where long distances are covered and packages that do not exceed seven or eight pounds in weight are to be carried at a greater saving, in comparison with existing express rates, than the heavier weight packages, those weighing eight to eleven pounds inclusive.

A dozen eggs for table use packed in a double-thickness pasteboard container, will weigh about two pounds. Eggs for hatching will need to be packed more securely and fifteen such eggs will weigh two and one-half to three pounds, depending on the

weight of the container and packing material. Two sittings of eggs—thirty eggs—ought not weigh to exceed five pounds, including the container and packing material and it is probable that three sittings of eggs—forty-five eggs—can be put in a package that will not weigh to exceed seven pounds. It will be understood that any number of such packages can be shipped by a poultryman to one address the same day or the same hour. Limits are placed on the weight and bulk of parcel post packages, but no limit has been placed on the number of these packages that can be shipped any day or at any time, to any individual or destination.

The parcel post law divides the United States into eight zones. The first zone is practically one hundred miles in diameter, measuring fifty miles in all directions from any given postoffice. The second zone has a radius of approximately one hundred and fifty miles from the center, the third zone three hundred miles, the fourth zone six hundred miles, the fifth zone one thousand miles, the sixth zone one thousand four hundred miles, the seventh zone one thousand eight hundred miles and the eighth zone all United States territory outside the seventh zone.

The postage rates for parcel post packages are as follows:

"On all matter mailed at the postoffice from which a rural route starts, for delivery on such route, or mailed at any point on such route for delivery at any other point thereon, or at an office from which the route starts, or on any rural route starting therefrom and on all matter mailed at a city carrier office, or at any point within its delivery limits, for delivery by carriers from that office, or at any office for local delivery, five cents for the first pound or fraction of a pound and one



Kaufmann & Windheim have achieved such notable success as breeders of Rhode Island Reds, that readers of American Poultry World will be interested to know where their famous Reds are bred, and the above illustration reproduced from a photograph gives an idea of the beautiful home of the owners and the fine environment their birds enjoy.

cent for each additional pound or fraction of a pound."

First zone, five cents for the first pound or fraction of a pound and three cents for each additional pound or fraction of a pound.

Second zone, six cents and four cents, same provision as above for fractions of pounds.

Third zone, seven cents and five cents.

Fourth zone, eight cents and six cents.

Fifth zone, nine cents and seven cents.

Sixth zone, ten cents and nine cents.

Seventh zone, eleven cents and ten cents.

Eighth zone, twelve cents and twelve cents.

Any reader of this article can obtain a U. S. parcel post guide and other official literature treating on the subject and giving full information by sending seventy-five cents in the form of a postoffice money order to the Chief Clerk of the Postoffice Department, Washington, D. C. These guides are not for free distribution. All poultrymen who wish to take advantage of parcel post privileges should send for the guide here mentioned.

For some reason or other the U. S. parcel post law provides as follows: "This act shall not in any way affect the postage rate on seeds, cuttings, bulbs, roots, scions and plants, as fixed by Section 482 of the postal laws and regulations."

The U. S. parcel post law gives wide discretionary power to the postmaster general "subject to the consent of the Interstate Commerce Commission", as regards the classification of articles mailable, also with reference to the weight limit, rates of postage, etc., as will be noted by the following section:

"The classification of articles mailable, as well as the weight limit, the rates of postage, zone or zones, and other conditions of mailability under this act, if the postmaster shall find on experience that they or any of them, are such as to prevent the shipment of articles desirable, or to permanently render the cost of the service greater than the receipts of the revenues therefrom, he is hereby authorized, subject to the consent of the Interstate

Commerce Commission, after investigation, to reform from time to time such classification, weight limit, rates, zone or zones, or conditions, or either, in order to promote the service to the public or to insure the receipt of revenue from such service adequate to pay the cost thereof."

The foregoing provision means a great deal. First in importance it means that the government in future is to transport AT COST all forms and descriptions of goods and articles declared to be mailable as parcel post matter. In other words, we are now to have express service rendered by the government practically at cost, within the limitations prescribed by

the parcel post law and future revisions thereof, instead of at an excessive profit. This new departure on the part of the government is certain to play havoc with the business of the express companies, especially in the case of small packages and short hauls. It would seem that to this extent at least the days of robbery and injustice on the part of the six or more so-called "great" express companies are numbered.

This is cause for country-wide congratulations! Until we had an Interstate Commerce Commission there was no curb whatever on the rapacity and

HARTER'S BUFF PLYMOUTH ROCKS

Win 1st, 2nd and 4th hen, 5th cock, 2nd cockerel, 1st, 2nd and 5th pullet, 2nd and 3rd pens, and best display at the Farewell show held in Madison Square Garden. We have brothers and sisters to these winners for sale, and we furnish eggs to hatch from our best pens. Send for Catalogue of America's Best. Address

S. H. HARTE,

NESCOPECK, PA.

MAGENTA POULTRY FARM, Established 1898

ROSE AND SINGLE COMB REDS

Bred from long line of winners. Do not be deceived by buying from the has won breeders. Reds are growing better in quality every year. Magenta Farm Reds are 1913 style and thoroughly up-to-date; at Springfield, Mass., Dec. 9-13, 1912. Our Single Combs won, 1st and 2nd Cock, 1st and 2nd Hens, 1st and 4th Cockerels, 1st and 3rd Pullets, and 2nd pen; all shape and color specials and best display Vermont, Mass., and Maine exhibitors competing. You will find it hard to defeat Magenta birds for size, shape and color. 1913 egg circular and price list ready about February 1st. Send your name on a post card for one.

F. E. WOODARD,

EAST LONGMEADOW, MASS.

RANCOCAS Cockerel Bought by U.S. Government

RANCOCAS
WHITE
LEGHORNS

First Prizes
Trenton and
Syracuse
Fairs

This letter has just been received from RANCOCAS Headquarters:

"Mr. Harry Lamon, the Government poultry expert, has purchased a Rancocas cockerel to head the flock of White Leghorns at the Government farm at Washington, D. C. Mr. Lamon has visited practically all the large Leghorn farms this Fall, and considered this the best bird, combining both the utility and fancy points that he could find anywhere." This bird is to be used by the Government to head a breeding plant to develop what they will advocate as the perfect type of White Leghorns.

At the Trenton State Fair, Fall of 1912, RANCOCAS birds captured the championship, two silver cups, 29 ribbons, and Cash Prizes.

At Syracuse, 1912, all first prizes but one were awarded RANCOCAS White Leghorns, with other winnings for RANCOCAS White Plymouth Rocks.

RANCOCAS birds mean profitable Poultry Raising. We supply birds for competition and condition them for shows.

RANCOCAS POULTRY FARMS,
INTERNATIONAL POULTRY SALES COMPANY, } Box 575
Brown's Mills-in-the-Pines, N. J.

REGAL WHITE WYANDOTTE BOOK

This is without doubt the most complete book ever published, dealing wholly with the White Wyandotte. It is full of illustrations from life and its pages deal with a variety of subjects including chapters on origin, description, feeding, care of breeding stock, fertility, color characteristics, raising young chicks, washing and fitting for exhibition, poultry diseases, etc.

My object in issuing this book is to bring to the attention of every White Wyandotte breeder the **Regal Strain**, America's Finest White Wyandottes. The magnificent winning of the strain has never been equalled. New York State Fair—Seven Years—36 blue ribbons out of a possible 42.

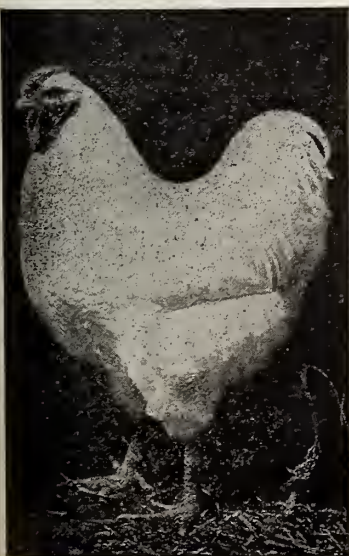
Until the present edition is exhausted I will send a free copy of the Regal White Wyandotte Book to anyone sending four cents in stamps to pay postage.

2000 Cocks, Hens, Cockerels and Pullets for sale. 300 beautiful exhibition Cockerels and Pullets ready for the show room now. 100 big vigorous snow white cockerels from my heavy laying Dorcas ling \$10, \$15, \$20, \$25 each. Pullets of same breeding, \$5, \$8, \$10 each. Utility Cockerels \$3 and \$5 each. Send for free catalogue and mating list.

JOHN S. MARTIN,

Box W,

PORT DOVER, ONT.



insolence of the express companies. Let us be heartily thankful that a better day is at hand; also that the general government has now decided to serve the great mass and bulk of the people, at fair rates, in the transportation of small packages, doing so in the courteous and accommodating manner that for many years has distinguished the postal service of this country.

It will be well to remember that mailable matter by parcel post does not include "printed matter, on paper"—that is, it does not include circulars, catalogues, booklets, books, etc. This class of matter is still known as "third class" and the rate of postage remains "one cent for each two ounces or fraction thereof." First-class and second-class mail matter also remain the same as heretofore, with no change in the postage rates

ATLANTIC CITY IN THE FIELD FOR NEXT A. P. A. CONVENTION

The following open letter to the poultry public is published at the request of J. H. Wolsieffer, chairman of the publicity committee of the New Jersey Branch of the American Poultry Association:

"Vineland, N. J., Dec. 19, 1912.

"Editor American Poultry World:

"The New Jersey Branch of the American Poultry Association hopes that every member of the association will vote for Atlantic City. Inasmuch as St. Louis, Denver and Nashville have had the last three conventions, Atlantic City is the logical place to hold the next convention, sentiment laid aside.

"Furthermore, it is a well-known fact that Atlantic City is the convention city of the United States. Ample hotel accommodations at reasonable rates can always be obtained. No city offers better railroad rates than Atlantic City during the summer season. This is a well-known fact.

"The big poultry plants of the East are within an hour to three hours ride—New York City, the metropolis of the East, is but three hours; Philadelphia, one hour with almost hourly trains.

"A reception, clam bake, chair ride on the famous boardwalk, a bath in the ocean, good lectures by the best experts in the country are a few of the things the New Jersey Branch has outlined for the entertainment of the members.

"The New Jersey Branch is making every effort to make this the largest and best convention ever held, which is saying much in view of the past conventions at Denver and Nashville. One thing the members of the American Poultry Association can rest assured, that they will have cooling sea breezes and a dip in the ocean should a hot spell be on. One can always find comfort on the piers and boardwalk in the hottest weather.

"The New Jersey Branch welcomes all the members and if they are not entertained to their satisfaction, it will be because Atlantic City has lost its charm and the members their ability.

"Vote for Atlantic City, where cool breezes sing, the State of big poultry plants and big things.

"Yours very truly,

"J. H. Wolsieffer,
Chairman Publicity Committee."



The illustration of Mr. Pensyl's White Orpington male "Champion of Quality" does not do justice to his many splendid qualities. In type, size and color he may be considered among the best birds of his variety. At the Scranton Show, January, 1912, he won 1st in a class of 23 White Orpington cockerels and won the Association \$100.00 Challenge Cup for best Orpington male in the show. At Bloomsburg, Pa., December, 1912, he won 1st as a cock and special for best bird in show, all varieties competing. A few years ago Mr. Pensyl was widely known as a successful breeder and exhibitor of Buff Rocks and is now devoting his attention to White Orpingtons.

RECENT DISCOVERY SHOULD PROVE BIG BOON TO POULTRY RAISERS

Attention is directed to the advertisement of the Succulenta Company, which appears on page 000. It has always been understood that one cannot be successful in the raising of poultry without feeding green food, and this has always been a task that required much time and trouble and no little expense. To do away with this the Succulenta Company are placing on the market a tablet which can be dissolved in the fowl's drinking water, and when used in that way, they claim that the feeding of green food can be eliminated. This discovery was made sometime ago, and before the tablets were placed on the market, a long series of tests were made. These tests were carried out by large poultry raisers in different sections of the country using two groups of birds, one group being fed with Succulenta tablets dissolved in drinking water, and the other group sprout-

ed oats, cabbage or beets, as the practice of different raisers dictated, it was found in every case that the birds drank the Succulenta water with relish and after a sufficient time had elapsed to give the tablets a thorough test, the birds in every case had thrived as well as those to whom the green food had been given.

In addition to saving the time and labor involved in preparing and feeding green food, it is claimed, upon the basis of cabbage at 2 cents per head, that Succulenta tablets will save at least half of the expense of green food.

The Succulenta Company, of course is not divulging the secret of its preparation, but guarantees satisfactory results, and will refund money if the poultener is not pleased. On this basis, the proposition seems worthy of a thorough test.

*** Agents make big money selling our publications. Terms upon application ***



BUFF ORPINGTONS

Win decisively at Chicago—1909, 1910, 1911. All firsts and seconds at Memphis, Nashville and Louisville. Indianapolis more firsts than any other exhibitor. This trap-nested winning Strain is bred in every State and **making money** for its owners.

Hundreds of birds for sale in both sexes that are right. **Eggs ready to ship out.**

Send for the big **Orpington Fashion Plate Book**. Tells all about my **25 matings**, price of egg and stock, 52 pages and **free**.

A. E. MARTZ, Buff Orpington Specialist,

Box E,

ARCADIA, IND.

THE CHICAGO SHOW

By William C. Denny

(Continued from page 183)

new coop card that in addition to the usual coop number, through which the owners name and address may be learned from the catalogue, contained space for the name of the variety and sex in each cage. This is an educational feature that should be adopted by every poultry association for not all of the visitors attending a poultry show are inclined to pay for a catalogue, but they would like to know the names of the different varieties.

Following the usual custom, classes were provided for the different breeds and varieties that require two matings to produce exhibition birds of both sexes, as is the case in breeding Barred Plymouth Rocks, S. C. Brown Leghorns, etc. This year pen classes were also provided for young and old birds in Rhode Island Reds and all varieties of Buff fowl. Old birds are unfairly handicapped when they have to compete with youngsters for prizes, because standard-bred poultry, as yet, have not been bred to the point where they average as rich in color after the moult as they were before.

A meeting of the American Cornish Club brought out a splendid exhibit of this variety. While it did not include as many birds as were shown at the club meeting at Baltimore a year ago, nearly 100 birds were entered by prominent breeders. Those shown were of superlative quality and included numerous winners from leading English shows. It was probably the best average quality of the variety that has been shown in American to date.

In the center of the hall in a large display pen A. E. Martz, the well known Buff Orpington breeder of Arcadia, Ind., exhibited one of the most typical Buff Orpington males that we have seen. Judges and breeders know the scarcity of males of this variety that approach the ideal Orpington in depth and length of body. In these respects, as well as size, the bird shown by Mr. Martz was about all that could be desired,—and in shade of color he was that rich golden buff that is much sought for by breeders of Buff varieties.

The Blue varieties that are now attracting some attention in England, have evidently caught on in this country, for here we inspected Blue Orpingtons, Blue Leghorns and Blue Wyandottes. We rather favored the type and color of the Blue Orpington as being the best of the three varieties, though the Blue Wyandottes were also attractive.

The weather man did not follow his usual programme during show week, but provided a brand of weather that was satisfactory to both exhibitors and visitors. As a result there were no frozen combs and the pleasant weather brought out crowds that have never been seen at a Chicago poultry exhibition.

The local newspapers gave splendid support to the management, devoting columns of space and publish-

ing cartoons illustrating incidents of the show. As an example, the Sunday issue of the Inter-Ocean, one of Chicago's leading newspapers, under the supervision of E. M. Whitney, a member of the American Poultry Association, published an eight page supplement devoted exclusively to the show and different phases of poultry keeping. Supplementing liberal advertising in the newspapers, the association also employed bill-boards and as a result, this year's show was as well advertised as could possibly be done.

Considerable criticism of the judging was heard. An association of such importance should not ask exhibitors to have their birds passed on by men of limited experience. Exhibitors at Chicago are entitled to ask that men of recognized ability and experience place the awards in the respective classes. It is not the money value that breeders strive for at New York, Chicago, Boston and other leading shows, but the advertising value and honor that accompanies a winning, and when a first or second prize is lost, through a mistake because of a lack of knowledge or experience on the part of the judge, the association is not doing what it should for its exhibitors. It is not a pleasant thing to criticize the awards as made by poultry judges who have done the best that they knew how, but it is undeniable that there were numerous instances at Chicago where birds whose cages were wearing ribbons should not have been placed. Admitting that it might be difficult to secure capable judges, the Chicago Association should make an effort to do so.

Quality in the popular varieties was never as good at Chicago as was exhibited this year. Superlative should be used in describing Barred Rocks, Single and R. C. Rhode Island Reds and White and Black Orpingtons. The classes of these varieties were not only large, but better quality has never been shown east or west.

Nearly four thousand birds were exhibited. According to the catalogue there were 2401 single entries, while there were 1245 birds in the 249 breeding pens. In addition there were several hundred birds shown in display cages and in special exhibits around the hall.

The entries in the different classes where 25 or more birds were exhibited were as follows:

	Single Entries	Pens
Barred Rocks.....	230	31
White Rocks.....	80	8
Partridge Rocks.....	48	7
Buff Rocks.....	38	2
Columbian Rocks.....	20	1
Silver Wyandottes.....	63	5
Golden Wyandottes.....	36	2

S. C. Rhode Island Reds

At Ohio State A. P. A. Show, Mansfield, December 2-7, 1912, won 1, 4, 5 cockerel, 2, 4 pullet, 1, 2 cock, 2, 3 hen, 1 pen. Special best shaped male. A. P. A. Silver Medal on cockerel. Do you want quality stock and eggs at moderate prices? We apply the square deal.

SUMNER G. CROOKS, LORAIN, O.

WHITE INDIAN RUNNERS

THE BIG MONEY MAKERS

Regular profit or money machines. Several hundred bred from my Chicago Winners. Can supply you with Ducks for any show. Unrelated breeding pens that will give you a fine start at \$30.00, the genuine article greatest layers. All pure white eggs. Utility Drakes \$4.00 each.

WM. A. HALBACH, Box 3, WATERFORD, WISCONSIN
Poultry Judge all varieties. Write for show dates and terms.

AMERICA'S BEST COCHIN BANTAMS

Win Again at the Great Chicago Show

They won more firsts than all competitors combined and more, they won more points than their competitors, winning as follows:

BLACK COCHIN BANTAMS—

3rd cock.
1st and 2nd hen.
1st cockerel.
2nd and 3rd pullet.
1st pen.

PARTRIDGE COCHIN BANTAMS—

1st and 2nd cock.
1st and 2nd hen.
1st cockerel.

BUFF COCHIN BANTAMS—

2nd and 3rd cock.
1st, 2nd, 3rd hen.
1st and 4th cockerel.
3rd and 4th pullet.
2nd old pen.
3rd young pen.

WHITE COCHIN BANTAMS—

4th cock.
4th and 5th hen.
1st and 3rd pullet.

Just think of this record in America's Greatest Show, every entry winning a place. We also won the following Cash Specials: Best 2 Buff Cochin Cocks; Best 2 Buff Cochin Bantam Hens; 2nd Best 2 Buff Cochin Bantam Cockerels; 2nd Best 2 Buff Cochin Bantam Pullets; Best 2 Partridge Cochin Cocks; Best 2 Partridge Cochin Bantam Hens; Best 2 White Cochin Bantam Pullets; 2nd Best 2 White Cochin Bantam Hens.

If you are interested write us. Our beautiful illustrated 1913 mating list will be ready February 15.

WAHEBE BANTAM YARDS, W. Besuden, Prop., Box 359 R, CINCINNATI, O.

BYERS' STRAIN ORPINGTONS

BUFF, BLACK AND PEARL WHITE

During January I offer and will deliver the best \$10 and \$15 cocks and cockerels, the best \$35 and \$50 pens, that I have ever known to be shipped for this money, and I know what the other fellows are furnishing for these figures. Absolute satisfaction is guaranteed you. Give this your prompt attention, for January purchasers are going to get my season's best values.

C. S. BYERS,

Orpington Specialist 14 Years,

HAZELRIGG, INDIANA

	Single Entries	Pens
White Wyandottes.....	70	10
Buff Wyandottes.....	58	6
Columbian Wyandottes.....	25	1
Partridge Wyandottes.....	45	3
S. C. Rhode Island Reds.....	144	18
R. C. Rhode Island Reds.....	133	18
R. C. Rhode Island Whites.....	30	5
S. C. Buff Orpingtons.....	109	20
S. C. White Orpingtons.....	203	24
S. C. Black Orpingtons.....	63	8
Blue Orpingtons.....	11	2
Dark Cornish.....	50	9
Silver Campines.....	35	4
Silver Spangled Hamburgs.....	24	2
S. C. White Leghorns.....	181	15
R. C. White Leghorns.....	29	2
S. C. Brown Leghorns.....	42	5
R. C. Brown Leghorns.....	35	4
S. C. Buff Leghorns.....	44	1
S. C. Black Minorcas.....	46	4
R. C. Black Minorcas.....	16	1
S. C. White Minorcas.....	13	1
Houdans.....	37	3
Buff Cochins.....	16	5
White Cochins.....	17	2
Pekin Ducks.....	50	3
White Indian Runner Ducks.....	29	3
English Indian Runner Ducks.....	12	3

Following are the varieties that were represented by less than twenty-five specimens:

Silver Penciled Rocks, 8; Silver Penciled Wyandottes, 1; Black Wyandottes, 16; Blue Wyandottes, 5; S. C. Rhode Island Whites, 2; Buckeyes, 4; R. C. White Orpingtons, 9; R. C. Black Orpingtons, 6; Silver Gray Dorkings, 18; Golden Polish, 9; White Crested Black Polish, 8; R. C. Buff Leghorns, 17; Blue Leghorns, 5; R. C. White Minorcas, 7; Light Brahmas, 20; Buff Cochins, 9; Buff Langshans, 4; Lakenvelders, 17; Sicilian Buttercups, 5; Mottled Anconas, 10; Calumets, 11; Rumpless, 4; Salmon Faverolles, 7; White Faverolles, 1; Pit Games, 2; Black Cochins, 16; Partridge Cochins, 5; Silver Sebright Bantams, 4; Golden Sebright Bantams, 6; Black Breasted Red Game Bantams, 8; Red Pyle Game Bantams, 3; Rouen Ducks, 6; Buff Orpington Ducks, 19; Aylesbury Ducks, 1; Colored Muscovy Ducks, 1; Black Cayuga Ducks, 1; White Muscovy Ducks, 2; Mallard Ducks, 4; Blue Winged Teal Ducks, 4; Toulouse Geese, 3; Embden Geese, 5; White Chinese Geese, 2; Brown Chinese Geese, 2; Buff Geese, 2; Grey African Geese, 2; Wild Canadian Geese, 1; Bronze Turkeys, 19; Gray Call Ducks, 2; White Call Ducks, 1; Black East Indian Ducks, 1; Indian Runners, 11.

WINNINGS OF A. P. W. ADVERTISERS

BARRED PLYMOUTH ROCKS:—A. C. Hawkins, 4 cock; 3 cockerel; 1 pen.

BARRED PLYMOUTH ROCKS:—**PULLED BRED:**—A. C. Hawkins, 1 cock; 1 cockerel; 1, 2 pen.

WHITE PLYMOUTH ROCKS:—Owen Farms, 2, 3, 5 cock; 3, 4 hen, 1 cockerel; 1, 2, 3 pullet; 2, 4 pen. Guy Daily, 1 hen; 5 cockerel; 1, 3 pen. Maple Farm of Midlothian, 2 hen.

PARTRIDGE PLYMOUTH ROCKS:—The Rockwood Farm, 1 hen; 4 cockerel; 3 pen.

BUFF PLYMOUTH ROCKS:—Karl Michener, 4 hen; 3 cockerel. E. H. Lichtenwalter, 4 cockerel.

WHITE WYANDOTTES:—Owen Farms, 2, 3 cock; 1, 2, 3 hen; 1, 3 cockerel; 2 pullet; 1, 4 pen.

BUFF WYANDOTTES:—Power & Cablish, 2 cock. Besuden Bros., 2, 4 cock; 1, 3 hen; 1, 2 pullet; 1, 2 pen.

PARTRIDGE WYANDOTTES:—Sheffield Farm, 1, 5 cock; 1, 2, 5 hen; 1, 3, 4 cockerel; 1, 2, 3, 5 pullet; 1, 3 pen.

SINGLE COMB RHODE ISLAND REDS:—F. E. Harrison, 1, 3, 4 cock; 2, 3 hen; 4 cockerel; 1, 2, 3 pullet; 1, 2 pen old; 1 pen young. Rock Creek Poultry Farm, 4 hen.

ROSE COMB RHODE ISLAND REDS:—Buschmann-Pierce Farms, 1, 2, 3 cock; 2 hen; 3 cockerel; 1, 2 pen old; 3 pen young.

SINGLE COMB BUFF ORPINGTONS:—Owen Farms, 1 cock; 1, 2 cockerel; 1, 2 pullet; 1, 5 pen young; 1 pen old. Roseland Poultry Farm, 3, 5 cock. Sun-

wick Poultry Farm, 2 cock; 1, 3 hen; 2 pen old.

SINGLE COMB WHITE ORPINGTONS:—Aldrich Poultry Farm, 1, 5 cock; 3, 4 hen; 2, 3, 4 cockerel; 2, 5 pullet; 1, 3, 4 pen. Fred A. Andrewes, 4 pullet.

SINGLE COMB BLACK ORPINGTONS:—Owen Farms, 1 hen; 5 pullet; 1 pen. C. E. Webb, 1 pullet; 2 pen.

DARK CORNISH:—John W. Ward, Jr., 4 cock; 1 cockerel; 2, 5 pullet. Dartmoor Yards, 1 cock; 3, 5 hen; 5 cockerel; 3 pullet; 3 pen old; 2 pen young.

SILVER SPANGLED HAMBURGS:—R. D. Sly, 1 cock; 5 hen; 1, 2 cockerel; 1, 2 pullet.

ROSE COMB BROWN LEGHORNS:—W. O. Chase, 2 cock; 2, 5 hen; 1, 2 cockerel; 5 pullet; 1, 3, 4 pen.

SINGLE COMB BLACK MINORCAS:—W. O. Chase, 2, 4 cock; 5 hen; 1 cockerel; 5 pullet; 2, 4 pen.

ROSE COMB BLACK MINORCAS:—W. O. Chase, 1 cock; 2 hen; 2 cockerel; 1 pen.

MOTTLED ANCONAS:—Dr. Guy Blencoe, 1, 4 cockerel; 1, 3 pullet.

BUFF COCHIN BANTAMS:—Wahebe Bantam Yards, 2, 3 cock; 1, 2, 3 hen; 1, 4 cockerel; 3, 4 pullet; 2 pen old; 3 pen young.

WHITE COCHIN BANTAMS:—Wahebe Bantam Yards, 4 cock; 4, 5 hen; 1, 3 pullet.

BLACK COCHIN BANTAMS:—Wahebe Bantam Yards, 3 cock; 1, 3 hen; 1 cockerel; 2, 3 pullet; 1 pen.

PARTRIDGE COCHIN BANTAMS:—Wahebe Bantam Yards, 1, 2 cock; 1, 2 hen; 1 cockerel.

BUFF ORPINGTON DUCKS:—Suns- wick Poultry Farm, 2 cock; 1 hen; 2 cockerel; 1 pullet; 1 pen.

NOTES OF THE SHOW

It has been a long time since A. C. Hawkins of Lancaster, Mass., was an exhibitor at Chicago. This year, however, he "came back" strong on Barred Rocks and in the different classes won among numerous other prizes four firsts, including first exhibition pen, first pen mated to produce pullets and second pen mated to produce cockerels. The cockerel in the pen mated for cockerels, Mr. Hawkins told us he considered one of the most promising Barred Rocks he had ever produced. In sharpness of barring, the right shade of color and beautiful shape he was the center of attraction in the Barred Rock aisle. Among the fifty-two cockerels in the pen class, Mr. Hawkins' third prize bird stood out as one of the best in the class. No breeder in the country understands the production of high class Barred Rocks better than Mr. Hawkins. His years of experience as a breeder and

exhibitor, and possession of the rare gift of being a natural poultryman, has enabled him to furnish thousands of winners of Plymouth Rocks and Wyandottes during the thirty-five years he has been in business.

It would require a catalogue to describe the entries and make a complete list of the prizes won by Owen Farms' entries in White Plymouth Rocks, White Wyandotte, S. C. Buff and S. C. Black Orpingtons. With these four varieties in which they met the strongest kind of competition they won twelve firsts as against nine won by their combined competitors. This record after their birds had made a trip of a thousand miles is another of the many illustrations of the quality of stock produced on America's greatest poultry farm. Maurice Delano, manager, was in charge of the exhibit. During the show Mr. Delano announced that the entire string of Owen Farms' Barred Plymouth Rocks had been disposed of to W. W. Henderson of Bridgeton, Mo.

Being one of the judges, Chas. V. Keeler of Winamac, Ind., did not enter for competition, but in a display booth he exhibited 25 high class White Wyandotte males that attracted more than passing attention. Among the several of these birds that were exceptional, was a yearling cock of extra quality. He was a healthy, vigorous appearing bird that had good type, size and color. This exhibit was in charge of Russell F. Palmer, who is now associated with Mr. Keeler. Mr. Keeler is among the best known White Wyandotte breeders of America. He is a long time breeder of this variety and has built up a large and profitable business in the sale of stock and eggs. Of late his poultry business has developed so rapidly, and owing to the wide demand for his services as a judge, by prominent poultry associations throughout the central west and southern states, he secured the services of Russell F. Palmer, formerly Associate Editor of Poultry Culture, to assist him. Mr. Keeler reported a big demand for White Wyandottes. He has an unusually fine lot of birds for sale.

Guy Daily of Jeffersonville, Ind., was receiving congratulations from his friends over winning first hen and first pen in a strong class of White Plymouth Rocks. Mr. Daily's first prize hen possessed beautiful lines and was shown in excellent condition.

SMITH'S S. C. RHODE ISLAND REDS

Winners at Mineola, Hempstead and other big shows. Breeding and Exhibition Stock for sale.

We Can Win For You. Address

PHILIP SMITH,

R. I. Red Specialist,

ROOSEVELT, N. Y.

Now is the time to think about those Hatching Eggs and Baby Chicks. If you want WINTER EGGS our

We are now booking orders for April and May delivery, better get your order in now. Perhaps you need a Cockerel or a few more Pullets? Send for our Circular.

SPRINGSIDE POULTRY FARM,

J. W. & J. Edw. McNeil,

Box B,

CANAAN, N. Y.

ROSE COMB RHODE ISLAND REDS

We have been breeding Rose Comb Reds for a number of years and now think that we can place them before the public and give satisfaction. Our strain is composed of a number of the best in the country. Deep Red to the skin and Winter layers. We will sell eggs under the same guarantee as we sell our Buff Leghorn Eggs. \$3.00 per setting of 15 eggs. A few good Cockerels for sale. Send for Circular. SPRINGSIDE POULTRY FARM, J. W. & J. Edw. McNeil, Box B, CANAAN, N. Y.

S. C. Buff and White Leghorns Silver Campines S. C. Black Minorcas

Prize stock or utility eggs for sale after February 1st, 1913.

90 per cent fertility guaranteed. For booklet

and prices address

RED SOX FARM, John I. Taylor, Prop.,

DEDHAM, MASS.

The birds in his first prize pen were well matched. Mr. Daily is making a specialty of breeding White Plymouth Rocks and is building up a splendid business in the variety. He is a young man who is in earnest and expects to make a success in the poultry business and we believe he will succeed. We are pleased to recommend him to readers of AMERICAN POULTRY WORLD who are in the market for stock or eggs.

Besuden Bros., of Cincinnati, Ohio, showed a large string of Buff Wyandottes and succeeded in winning among other prizes first hen, first pullet and first pen. Fred Besuden was in charge of the exhibit. He informed us that they had purchased the entire stock and good will of Buff Wyandottes from the Hartman Stock Farm of Columbus, Ohio, and Ralph W. Sturtevant, some 500 birds in all, including a number of New York, Boston, Central Palace, Chicago, Cleveland and Cincinnati winners. This season Besuden Bros.' Buff Wyandottes were awarded every first at the Ohio, Indiana and Tennessee State Fairs. They also won \$75.00 gold special for best display of any one variety at Nashville, Tenn. They will mate twenty pens for the 1913 egg season and are now booking orders for future delivery. They have ninety acres at Norwood, a suburb of Cincinnati, that is devoted to poultry.

F. E. Harrison of Menominee, Mich., was the happiest man we met during the Chicago show, and well he might be, for Mr. Harrison succeeded in winning four out of six firsts in the strongest and one of the largest classes of S. C. Rhode Island Reds that have been shown in America. We have never seen three pullets shown by one exhibitor that were the equal of Mr. Harrison's first, second and third prize birds. They were as near alike as could be in shape and color, and yet the first prize bird had the finish that is rarely seen to make her stand out from every other R. I. Red at the show. Mr. Harrison's success is not due to accident, but the result of painstaking effort and skillful breeding. May his success continue.

Wahebe Bantam Yards, W. Besuden, Prop., of Cincinnati, Ohio, showed a large string of Buff, White, Black and Partridge Cochins and were successful in winning a large number

of prizes including many blue ribbons. Mr. Besuden is one of the few who is breeding Bantams exclusively and making a business success of them. At Chicago he informed us that there was a large demand for Bantams and that good prices were readily obtainable. He has a limited amount of surplus stock for disposal.

Dr. Guy Blencoe of Alma Center, Wis., entered four Anconas and won first and fourth cockerel and first and fourth pullet. Anconas are gaining many friends as an egg producing family and the demand for them is steadily increasing. In addition to Anconas Dr. Blencoe is an extensive breeder of White Orpingtons which he has exhibited successfully for a number of years past. During the several years that Dr. Blencoe has been an advertiser in AMERICAN POULTRY WORLD, we have never heard a word of complaint against him or his business methods. We are glad to recommend him to our readers.

The Silver Spangled Hamburg display at Chicago was excellent, and R. D. Sly of West Clarksfield, Ohio, succeeded in carrying off the majority

of the blue ribbons. We did not see Mr. Sly during the Chicago show, but understood that he has had a successful season's business. He is offering stock and eggs for sale at reasonable prices.

W. C. Pierce, manager of the Buschmann-Pierce Red Farms, Carmel, Ind., was in personal charge of their exhibit. Their winnings included first, second and third cock, second hen, third cockerel, first and second old pen, third young pen. They also won Challenge cup for best display. Like the Single Comb class, Rose Comb Rhode Island Reds were teaming with quality and numbers and many very excellent birds were necessarily left unplaced. Among these we particularly fancied a hen shown by the Buschmann-Pierce Farms. She was a rich, even shade throughout and though a trifle short in thigh was very good in shape. Their first prize cock bird possessed extraordinary quality and was considered by R. I. Red experts to be the best bird of the variety at Chicago. Mr. Pierce stated that the outlook for the coming season's business was particularly good.

LIGHT and DARK BRAHMAS: Crystal Palace, London Prize Winners

Yearlings and young fowls for sale, utility and show quality. Also Reds, White Wyandottes, Barred Rocks and White and Brown Leghorns from Madison Square Garden winning strains. CATALOGUE GRATIS.

F. M. PRESCOTT,

RIVERDALE, N. J.

—RICHLAND FARMS—

S. C. WHITE LEGHORNS

DAY-OLD CHICKS—EGGS FOR HATCHING

Safe arrival and fertility guaranteed. No order too LARGE or too SMALL. Send for Catalogue.

RICHLAND FARMS,

Box 22,

FREDERICK, MD.

Urban Farm Champions

WHITE ROCKS

MOTTLED ANCONAS

BLACK LANGSHANS

SILVER and

GOLDEN CAMPINES

URBAN FARMS,

We will spare a limited number of yearlings and well developed youngsters in

White Rocks, Anconas and Black Langshans

bred from our prize winning strains.

WRITE YOUR WANTS AND LET US QUOTE YOU PRICES

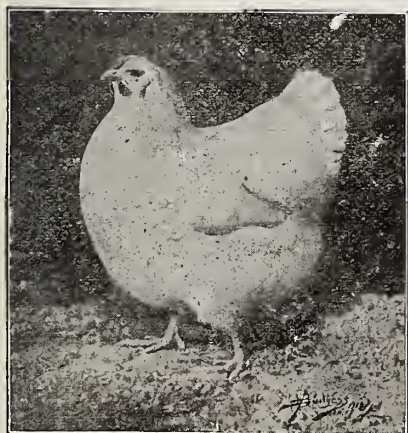
We Are Booking Egg Orders Now.

Pine Ridge,

BUFFALO, N. Y.

KEELER'S WHITE WYANDOTTES

THE ARISTOCRATS OF THE WHITE WYANDOTTE WORLD



Miss Supremacy, Second Pullet, Topeka, Kan., 1911-12

They combine Size, Shape, Style, Headpoints, and above all, the power of re-production having been line and pedigreed bred for the last nineteen years. They possess the best blood lines in existence.

THE WORLD'S GREATEST STRAIN

Of the World's best breed. This strain has established more successful breeders than any other strain. This strain produces a larger percent. of high class birds than any other. Have produced the winners at America's leading shows for the past nineteen years, i. e., Chicago, Kansas City, Indianapolis, Cleveland, St. Louis World's Fair, New Orleans, Denver, Los Angeles, etc., The strain that you must have to be successful. Better buy them first as last. Start right by starting with Keeler Birds.

3,000—Cocks, Hens, Cockerels and Pullets For Sale—3,000

In Selected Breeders at \$25.00, \$35.00, \$50.00, \$100.00 and \$150.00 a Pen.

Choice show birds of better quality than ever before. My new 16 x 100 feet two-story conditioning house allows me to always have 100 choice males and 200 classy females in the pink of show condition ready to ship at a moment's notice. Egg pens for 1913 mated December 1st, 1912, 56-page fully illustrated art catalogue of America's Finest White Wyandottes. Eggs \$5, \$9, \$14 per 50; \$25 per 100. From special matings \$10, \$15 and \$20 per 15. The classiest White Wyandotte catalogue ever published free for asking (stamps appreciated.)

KELLERSVILLE,

R. F. D. 17,

WINAMAC, IND.

Chas. V. Keeler, Prop.,

Russell F. Palmer, Mgr.

They are well prepared to take care of orders both for stock and eggs.

Many breeders looked with envy on the clean sweep made in Partridge Wyandottes by Sheffield Farm, Glendale, Ohio. Every first prize is the record that they made, but even this did not disturb H. B. Hark, who was looking after the birds. Mr. Hark has become so accustomed to winning in strong competition that it requires more than blue ribbons to move him from his balance. Mr. Hark is entitled to great credit for the excellent quality of the string exhibited at Chicago, and when the pages in Partridge Wyandotte history are written, the name of Sheffield Farm and Mr. Hark must be included among the best friends that this beautiful variety has ever had.

Roseland Poultry Farm, South Euclid, Ohio, were awarded third and fifth cock in a class of twenty with two birds of exceptional merit. Chas. W. Switzer, Proprietor of Roseland Poultry Farm, is an enthusiast over the Buff Orpingtons and the quality of his entries at Chicago proved them to be first class.

Power & Cablish, Maysville, Ky., made an entry of two Buff Wyandottes and were awarded third cock with a stylish bird of good color. This farm also breeds White Wyandottes. They have been exhibitors at leading shows for the past fourteen years. They have one thousand birds for sale and are quoting special prices.

The Buff Orpington display at Chicago was a large one and included many prominent exhibitors. In a class of 32 hens Sunswick Poultry Farm, South Plainfield, N. J., won first and third. They also won second cock, and second old pen. Rufus Delafield, Proprietor of Sunswick Farm, was one of the pioneer breeders of this breed. Until recently he has been breeding the Whites, Buffs and Blacks. He has disposed of the Whites to the Aldrich Poultry Farm, Columbus, Ohio, and is also offering for sale the entire stock of Blacks. In the future he will devote his entire time and attention to the breeding of Buff Orpingtons and Buff Orpington Ducks. At Chicago their Buff Orpington Ducks won three firsts and two seconds.

The Aldrich Poultry Farm, Columbus, Ohio, made a "ten-strike" in the White Orpington classes, winning first and fifth cock, third and fourth hen, second, third and fourth cockerel, second and fifth pullet and first, third and fourth pen. This record, in the strong competition that existed, indicates uniform high quality of their exhibit. Their first prize cock was an easy winner and was pronounced by competent Orpington experts to be one of the best of his kind. Their first prize pen likewise was another easy win. The birds in it were well matched and well conditioned. L. E. N. Rawnsley was in charge of the exhibit.

Karl Michener, Orrville, Ohio, breeder of Blue Ribbon Strain of Buff Plymouth Rocks, made a small entry and won third cockerel and fourth hen. Mr. Michener's birds have the right shape and color and have been repeated winners at Philadelphia, Columbus, Ohio, and other leading shows. He has some choice stock including a number of hens and cock birds that he is offering at reasonable prices.

Few Buff Rock breeders have been more consistent winners at New York, Boston and Chicago than E. H. Lichtenwalter of Girard, Pa. Mr. Lichten-

walter has been breeding Buff Plymouth Rocks for ten years. At Chicago his birds showed their usual uniform quality. If you are in need of breeding stock or exhibition birds, advise him of your wants. He is offering some choice stock at special prices.

Partridge Rocks have always been strong classes at Chicago and this year was no exception. Rockwood Farm, Norwalk, Ohio, made five entries and won first hen, fourth cockerel and third pen. Their first prize hen showed good type and rich color.

W. O. Chase, Proprietor of Edgemont Poultry Farm, Hillsboro, Ill., won five firsts and numerous second, third, fourth and fifth prizes on Single and Rose Comb Black Minorcas and R. C. Brown Leghorns. Mr. Chase has had considerable experience in breeding these varieties and reports a fine business. He is Superintendent of the Illinois State Poultry Show.

C. E. Webb of Sylvania, Ohio, won first pullet and second pen in S. C. Black Orpingtons. His first prize pullet was a beautiful specimen shown in the best possible condition. Mr. Webb has been very successful in breeding his variety and a year ago won first hen at Chicago.

John W. Ward, Jr., of Pennington, N. J., won four prizes including first cockerel and second pullet on six entries. Mr. Ward reports having won the majority of the first and second prizes at the Great Allentown and Hagerstown shows.

Chas. S. Brent, Proprietor of Dart-

moor Poultry Yards of Oconomowoc, Wis., won first cock with a splendid specimen that showed large bone and excellent color. He advised us that the demand for Cornish was steadily increasing. He has but a very limited number of birds to dispose of and will not sell any eggs.

Tarbox Bros., of Yorkville, Ill., did not enter for competition, but had a display pen of Silver Wyandottes in the center of the hall. The birds they exhibited showed good type and the beautiful lacing for which birds of the Tarbox strain are noted. At the Omaha United Fanciers' Exhibition they won first and third cock, first and second hen, second and third cockerel, first and third pullet and first pen and three specials on seven entries. Mr. Tarbox usually raises about eight hundred birds and reports having had a successful season in raising stock. They have a choice lot of exhibition and breeding birds, both old and young, at reasonable prices. They have a pen of birds entered in the Missouri Egg Laying Contest which started on November 16th. These birds

(Continued on page 222)

S. C. ANCONAS AND SILKIES

First prize winners and special at big Chatham Fair. Stock and eggs for sale.

Lee Roy Conklin, P. O. Box 256, Philmont, N. Y.

Buff—ORPINGTONS—White

Unexcelled layers. Fine stock for sale. Eggs from best pens \$3 and \$5 per setting. Send for mating list. Address Applecroft Farm, Roland Davis, Mgr., New Baltimore, N. Y.

COCKERELS for sale from my prize pens 1911.

ORPINGTONS Buff, Black and White **WYANDOTTES** Columbian, Golden and Partridge

J. J. CRUTTENDEN.

WATERFORD, CONN

ORIGINATORS OF BUFF BRAHMAS

THE COMING FOWL OF AMERICA. Won at Madison Square, Boston, Philadelphia, Buffalo, Pittsburgh, Albany, Allentown, etc. Can furnish exhibition birds to win for you, also nice breeding specimens. 1 pen White Orpingtons \$20 for quick sale. 30 White Leghorn Cockerels selected from several hundred, for \$3.00 each. Youngs stock. Reference; First National Bank of Hudson, N. Y.

LLOYD M. HALLENBECK, Expert Poultry Judge, GREENDALE, N. Y.

Silver Wyandottes Exclusively

The BEAUTY and UTILITY Breed The Best Winter Layers

Our Silvers win another great victory: At The United Fanciers Exposition, Omaha, Nebr., Sept. 30, Oct. 1, 2, 3, 4, 5, 1912, when on 9 entries we won, Cock 1st, 3rd; Hens 1st, 2nd; Cockerels 2nd, 3rd; Pullets 1st, 3rd; Pen 1st. The 1st hen was pronounced by Judge Hewes as being as good a hen as he had passed on in his 27 years of judging Silvers. We have 1000 birds for sale, the finest lot we ever had. We can supply your wants in Cocks, Hens, Cockerels, or Pullets, in any number, get our prices before buying A. & E. TARBOX, Box W, YORKVILLE, ILL.

Winners and Breeders that Produce Them

A SALE OF MERIT WORTHY YOUR ATTENTION

S. C. BUFF ORPINGTONS

In placing your order it is well to remember that blood lines must be considered, and your success depends on the quality of the off-spring sired parent birds. Our winners are line bred winners and our breeders produced by them. Year after year our breeders have produced many of the noted winners at the greatest shows in America, and in the hands of customers they are winning the blue in all parts of the country. Now we are offering you

Young Stock-Bred from Line Bred Winners

We can fix you up with a cock, hen, cockerel, pullet and pen to meet any competition and they will produce winners. Then we have excellent breeders in both young stock and yearlings that can win at the smaller shows, which we are selling at a sacrifice. No matter what you need, or what you want to pay, let us quote you prices.

Roseland Poultry Farm,

Chas. W. Switzer, Prop.,

South Euclid, Ohio

THE HEMPSTEAD SHOW

By Geo. W. Tracey

The first annual exhibition given by the Poultry Fanciers' Association of Long Island was held at Hempstead, N. Y., November 11 to 16, and was one of the best shows of the kind that we ever attended. Percy Cook, W. H. Card, W. J. Stanton and Rowland Story placed the awards and gave satisfaction. The classes were full of quality, the winners would stand well in any show. Barred Rocks fine, 1st cockerel a wonder and the best I have seen this season.

In White Rocks, 1st pen and 1st pullet were the stars. 1st pen cock was a good one. Buff Rocks a nice class. The White Wyandottes were strong classes as were the Buffs. Columbians had quality to burn, while the Partridge Wyandottes attracted much attention. S. C. Reds were one of the biggest and hottest classes. August Belmont was among the exhibitors in this class. 2nd cockerel was one of the best colored birds shown this season, he was awarded color special. He was hatched from eggs purchased from Owen Farms, as were also some of the other winners. 1st pullet was a great bird, 1st cock was a good one. Rose Comb Reds were out in force, 1st pullet owned by the Rev. Wm. H. Longworth, was the best Rose Comb female shown this season. 1st pen was good. The Light Brahma and Black Langshans were small, but select classes.

The S. C. White Leghorn classes

were the biggest and hottest in the show and Madison Square Garden quality abounded. There were 9 cocks, 11 hens, 21 cockerels, 20 pullets and 11 pens. 1st pullet was the star of the class. 1st cockerel was a crackerjack. 1st pen male was the best Leghorn male in the show. S. C. Buff Leghorns brought out some very fine birds. S. C. Black Minorcas were a good class. S. C. Buff Orpingtons brought out a great class, 1st hen was a wonder. Blacks were also hot, 1st pullet a crackerjack and hard to beat. White Orpingtons were a very prominent class. 1st pen cock a wonder; 200 dollars was refused for him at the show. 1st hen was a star.

Of the AMERICAN POULTRY WORLD advertisers who exhibited, Dune Alpin showed a string of White Orpingtons and a splendid string of S. C. White Leghorns. Their winnings were as follows: Leghorns, 1, 2, 3 cock; 1, 3, 5 hen; 2, 3 cockerel; 1, 3, 4 pullet; 1, 2 pen. S. C. White Orpingtons, 1, 2 cock; 1, 2 hen; 4, 5 cockerel; 4 pullet, 1 pen, besides winning three silver cups and specials in both of their varieties.

J. Brooks Clark, the noted Buff Orpington specialist, cleaned up things in great shape, winning 1, 3, 4, 7 hen; 1 cockerel; 4 pullet; 1, 4 pen, winning best collection, best Buff Orpington shape and color specials, several cups and other specials. Mr. Clark is one of our best breeders and we look for him to be very prominent at New York show. He has a few choice birds to sell at attractive prices. His

address is Hempstead, L. I., N. Y.

Philip Smith, the S. C. R. I Red specialist of Roosevelt, N. Y., won 1, 2 pullet, color and shape specials for females and other important prizes. Mr. Smith has been breeding Reds for some years and is progressing towards the top. His 1st pullet was a model and she will stand a lot of beating at any show. Mr. Smith has some nice birds to sell at honest prices.

Horseshoe Poultry Yards, Hicksville, L. I., made a clean sweep with their Columbian Wyandottes. 1st hen a good one and one of the best shaped Columbian Wyandotte females I ever saw. This firm has been a winner at Madison Square Garden and other prominent shows and breeds good Columbians. They are clean on surface and have splendid wings. They have about 50 cockerels and pullets to dispose of at attractive prices.

LISK'S WHITE WYANDOTTES

Fred C. Lisk, the well known White Wyandotte breeder of Romulus, N. Y., advises that he has just received a fine foreign order. Mr. Lisk's strain of stay-white White Wyandottes have been especially successful in the show room, both for himself and his customers. He is breeding a type of Wyandottes that win and lay, not having been swayed nor tempted to breed the ultra-fashionable type. Breeders who are in need of stock should write to him for description and prices as he states that he has raised the best lot of birds that he every owned, and that he also has a few good yearling hens for sale. Mr. Lisk has supplied winners for some of the best shows in the country and is the kind of a breeder that A. P. W. takes great satisfaction in recommending to intending buyers.

Sprouted Oats-Winter Eggs

Get ready for the *highest price* for eggs this season the poultry industry *has ever seen*. For *prolific egg production* this winter and *fertile eggs* next spring, feed **SPROUTED OATS**. To get great quantities of Sprouted Oats easily and quickly, buy a

DOUBLE QUICK GRAIN SPROUTER THE PERPETUAL POULTRY SILO

A veritable *hot-house, growth-forcing* machine that sprouts in **24 hours** and grows *two inches* or more daily. Makes *two to four bushels* of feed from *one* of grain. The **DOUBLE QUICK** is the *original grain sprouter*, now in its *third* season, several *thousand* being in use in every part of the United States and Canada, and is *endorsed* by *hundreds* of users.

Our catalog will give you scores of letters like the following:

October 7, 1912—"On September 16th I ordered your No. 5 Double Quick Sprouter sent to Maude L. Kaler, Columbia City, Ind., and this one is proving so satisfactory that she wants another one of the same size, and therefore you will find draft in payment of this second sprouter.

September 14, 1912—"I ordered and received from you last fall one of your 5-tray grain sprouters. This works very satisfactorily but is far too small to meet my requirements. I want one that will sprout for 1500 hens. Will you kindly advise me by return mail if you make a larger size and the price of the same."

Later, September 23—"I have your esteemed letter of Sept. 16th with enclosures. I enclose you my check for which please ship me RUSH one of your No. 6 Grain Sprouters.

Feb. 26, 1912—"I am enclosing my check for your No. 5 Double Quick Sprouter. Please ship by express. I wish to get one of these machines going at the earliest moment. As soon as I have tested this one and find it satisfactory, as I expect I shall find it, I will give you an order for more."

Later, April 27—"I am enclosing my check for two more of your No. 5 Double Quick Sprouters. The one I bought some weeks since is doing good work."

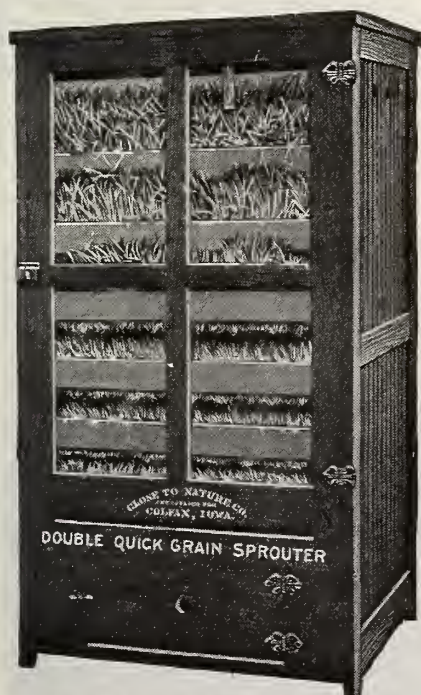
C. H. LATHAM, Beauty and Utility Barred Rocks, Lancaster, Mass., says—"The sprouter which we received from you works the nicest I ever saw for sprouting oats. It works to perfection."

Jacob Thomas, Clontarf, Minn., says—"The sprouter which we received from you works the nicest I ever saw for sprouting oats. It works to perfection."

Irwin A. Rush, Phillipsburg, N. J., writes—"I am more than pleased with the Double Quick. We had some very cold weather here for some time, but I had one tray a day of sprouts from 3½ to 4 inches long."

M. O. Richardson, Plattsburg, Mo., writes—"It is the greatest trick ever. It grows oats 10 inches long in six days. I am well pleased with it."

David Schwertner, Ottawa, Ohio, says—"Last fall I got one of your grain sprouters and used it last winter and had good results for the weather we had. It was zero weather nearly all the time but my chickens laid from 3 to 4 dozen eggs right along, and I can say the oats did it, for all the people around here didn't get any eggs last winter."



The **DOUBLE QUICK** is double walled; insulated wooden walls outside and moisture-tight metal chamber inside: Heat-retaining, automatic-moisture producing, perfectly ventilated, and Scientifically constructed to sprout and grow great quantities of sweet, crisp sprouts with nothing but clean grain, water and the lamp heat. Made in six sizes, from a few hens to 1,000. Send for the complete **DOUBLE QUICK** catalog. It will pay you.

CLOSE-TO-NATURE COMPANY, 48 Front Street, COLFAX, IOWA

EDITORIAL NOTES AND COMMENT

J. H. DREVENSTEDT

—STANDARD EDITOR—

The death of W. B. Tegetmeier on November 19th, at the advanced age of ninety-six years, removes from the English poultry world, one of the most notable and influential poultry fanciers England has produced. Mr. Tegetmeier with the late Harrison Weir and Lewis Wright, formed the great triumvirate of authorities on poultry and pigeons that did such remarkable work in building up the poultry industry of England. Mr. Tegetmeier was not only a thorough student of poultry matters, but was a naturalist of considerable prominence, assisting Charles Darwin in preparing the chapters on poultry and pigeons in "Variation of Animals and Plants," the greatest scientific work of its kind ever compiled and printed. Mr. Tegetmeier also enjoyed the distinction of having been editorially with "The Field" for over half a century. He was the author of numerous books on Pheasants, British birds and practical poultry culture, the most notable of the latter being his "Poultry Book," and "Poultry for Table and Market."

—O—

Of what advantage is cold storage to the poultry raiser? None that we can discover, as all eggs and poultry should be sold in the freshest state possible. The advantage, however, is obviously great to the dealer, who buys eggs from farmers and others, when the prices for hen fruit are low and places them in cold storage until the prices are high, when he unloads his stock. This is gambling in pure food products, which ought to be prohibited by law. Absolutely fresh and infertile eggs will keep in good condition a long time, even in a cool cellar, so that farmers can do their own storing and holding for higher prices if they choose to do so. But the really fresh laid egg always com-

mands a good price the year around, and when the Danish method of co-operative egg buying and selling is once adopted in this country, it will end the cold storage gamble.

—O—

An old friend and admirer of the Silver Wyandottes writes:

"Will you kindly give your views on standardizing the single comb in Wyandottes? I believe in it for it seems to be a natural heritage of the breed and why not the advantage of the two combs, as well as several other breeds have?"

Like our correspondent we have been an old friend, admirer and breeder of Silver Wyandottes for many years, and being a friend and admirer of them to this day, although we no longer breed Silver Wyandottes, we must emphatically decline to assist in standardizing a Single Combed Silver Wyandotte. The rose comb of the Wyandotte fowl is its heritage and not the single comb. It is the birth-right of the breed, and being distinct from all other types of rose-combs, it should be maintained as one of the characteristic features of the breed. To open the door to Single Combed Silver Wyandottes would lead to Single Combed Golden and Black Wyandottes, if not to Single Combed Whites, Columbians, Buff, Silver Penciled and Partridge. The latter five varieties have been standardized with the same garb but in different form and with single combs, as in Plymouth Rocks. And the only place for a Single Combed Silver Wyandotte would be in the Plymouth Rock class. A typical English Silver male and female would not have much difficulty in assuming the Plymouth Rock shape, as it is a trifle too "Rocky" to suit the American Wyandotte type. A Silver Laced Plymouth Rock bred on the lines of a Silver Sebright in color markings should prove a *rara avis*

among the feathered tribe. But it will not be produced in a hurry.

—O—

Red Wyandottes are bred and exhibited in England, but the advent of the R. C. and S. C. Rhode Island Red in America has made a red variety of the Wyandotte family in this country an impossibility, for the reasons that only in the shape any distinction exists between the Reds and Dottes. New varieties are all right provided they inherit the distinguishing breed characteristics of form and comb. The reign of the Pea Combed Plymouth Rock was brief, as the pea comb belonged to the Brahma fowl. Rose Combed Plymouth Rocks met a similar fate. It is true Rose Combed Leghorns and Rose Combed Reds exist, but these are the exception to the unwritten law that type and comb designate the breed, and color the variety.

—O—

"It is now generally considered that the white fowls of the poultry world are the most prolific layers of all varieties. In America it is said that half the eggs produced in the country are laid by White Orpingtons, which breed has now been universally adopted as the most profitable for the intensive system, and where eggs are the chief source of commerce. Next in American estimation, rank the White Leghorn and White Wyandotte, and not far behind will shortly appear the White Faverolles.

"To those who are looking to form a strain of exceptionally prolific laying it might not be amiss to follow the lead of our practical neighbors across the herring pond, whose egg records have won such note, and give the Whites more notice." S. C., in The Feathered World, England.

American poultry breeders will no doubt appreciate the kind words of the English correspondent, even if they will question his statements re-

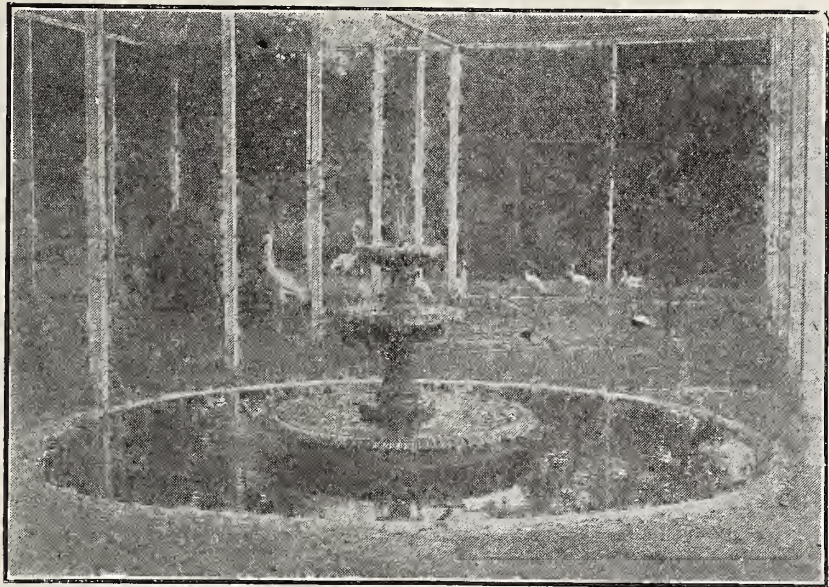


In the above illustration is presented a partial view of the noted Rhode Island Red Yards of Kaufmann and Windheim, Nutley, N. J., breeders of the "American Beauty" Strain R. C. Reds. This strain has made a very enviable reputation at the leading shows of the country and their owners are to be complimented upon their ability to produce a flock of such uniform quality in both type and color.

garding the relative popularity of White varieties of poultry in this country. Notwithstanding the wide-

Grew of the International Correspondence Schools for the following interesting data:

contains a description of Light Brahmas, as the end of said description is table of points as follows:	
Size	3
Color	4
Head and comb	1
Wings	1
Legs and feathering same.....	1
Fluff	1
Symmetry	2
Condition	2
15	



Inside of one of the aviaries on the plant of William Cook & Sons, Originators of all the Orpingtons, Scotch Plains, New Jersey.

spread popularity of the White Orpington fowl in the United States, the Single Comb White Leghorn is the most extensively bred variety in this country, especially on the large commercial egg plants where it reigns supreme. The White Faverolles are attractive and useful fowl, which no doubt will enjoy considerable popularity with poultry fanciers, but not with the market poultrymen to any great extent.

In 1895 at the Madison Square Garden show, 138 Buff Cochins were exhibited; in 1911 at the same place just one Buff Cochin hen was penned! It is too bad, that such a magnificent race of fowl is allowed to become extinct. We not only miss the great fluffy Cochins but the great fanciers of ten or fifteen years ago that bred and exhibited Cochins. Men like the Sharp Bros., Geo. W. Mitchell, Walter Baylies, Sherman Hartwell, D. A. Nichols, J. D. Nevius, T. F. McGrew admired fine feathers above all other qualifications. The Cochin hen may not rank among the 200 egg per annum breeds, but she laid many a golden egg for the old time fanciers mentioned above.

We are indebted to Prof. T. F. Mc-

"In reading from the first page of the November issue of Poultry World, I noticed a letter published from I. K. Felch. I have in my hand the Standard of Excellence in exhibition poultry authorized by the Poultry Club of England, published in 1865, which


DISQUALIFICATIONS
"Birds not matching in pens, combs not uniform in the pen, or falling over to one side, crooked backs, legs not feathered to the toes, or of any other color except yellow, or dusky yellow.

THE NUTMEG STRAIN
Rose Comb Brown Leghorns. Exhibition and Utility stock. Baby Chicks and Eggs for Hatching in season.
FIREFLY FARM,
BOX K, GUILFORD, CONN.

71 2-3 DOZEN
is the certified number of eggs laid at the Storrs Egg-Laying Contest last year by my entry of five
S. C. Buff Orpingtons
Hatching eggs from these certified layers 50c each. All other matings \$3.00 per setting as usual. June hatched cockerels, \$3.00.
Cherry Lane, O. Wilson, Carlisle, W. Va.

THE DAM POULTRY YARDS,
JACOB DAM, Proprietor, 12 Clover Street, **YONKERS, N. Y.**
WHITE { ROCKS WYANDOTTES } Winners at 19 Firsts
{ ORPINGTONS } Yonkers 13 Seconds
3 Thirds
Mayor Lennon's Cup for Best Pen in Show. Eggs and Stock for sale. Write for list.

FOXHURST FARM CHAMPION BLACK and WHITE ORPINGTONS



FOXHURST means a consistant every year winning strain. A strain that has produced for us and our customers more winners for the past seven years at America's leading shows including Madison Square Garden, New York, Baltimore, Boston, Philadelphia, etc., than birds of any other strain. We are ready to supply early winning show birds, large, deep, blocky fine colored specimens. Beetle green Blacks and bred to stay white Whites. The best we have ever raised. Guaranteed Winners at Reasonable Prices shipped on approval.

FOXHURST FARM, Box W, **LIME ROCK, CONN.**



Bird's Partridge Plymouth Rocks
SETTING THE PACE SOME MORE
HAGERSTOWN, 1912—Cocks, 1, 2, 4, 5; Hens, 1, 2, 3, 5; Cockerels, 1, 2, 4, 5; Pullets, 2, 3, 4; Pen 1. Best show of this variety ever seen at Hagersrown. 65 birds in the class.
MADISON SQUARE GARDEN, 1911—At the greatest Partridge Rock Show in quality and numbers (102 birds) ever held. Our birds won Cocks, 1, 2; Hens, 1, 4; Cockerels, 1, 2, 4, 5; Pullets, 1, 2; Pens 3 and all specials. The very best exhibition and breeding stock always for sale. Single birds \$3 up.
GIANT BRONZE TURKEYS. THE WORLD'S LEADING STRAIN.
HAGERSTOWN, 1912—Our Bronze won 4 firsts, 3 seconds and 3 thirds.
MADISON SQUARE GARDEN, 1911—Our Bronze won 3 firsts, 3 seconds, and 4 thirds. The grandest exhibition and breeding birds ever offered. Special prices to January, 1913. Single birds \$5 up.
SATISFACTION GUARANTEED.
Bird Bros., Box H, **Meyersdale, Pa.**
First Prize Cockerel, Madison Square Garden, Dec. 1911



First Prize Bronze Tom, Madison Square Garden, Dec. 1911

"The scale of points for all are 15, not all are alike in division and separation. I am sending this, because I think it may be of interest to you."

Poultry fanciers of today no doubt will consider the above scale of points and disqualifications somewhat crude, but a careful study of the valuations given to size, color, symmetry and condition, indicate that the old fanciers of nearly fifty years ago had pretty good ideas as to what sections were most important in the Light Brahma fowl and especially the relative proportion of shape to color. In the olden times there were evidently no black winged cranks, neither was the leg feathering considered of the same importance as it is today in England. The vulture hocked and profusely feathered shanks and toes of the modern English Light Brahma seems to have been encouraged by a valuation of six points in the present Standard, but it has discouraged American Light Brahma breeders who attempted to cross this English blood with the American. Light Brahmas were once upon a time the best layers of the large breeds, but that was before they were bred with feather dusters on their legs.

The latest new variety is the White Buckeye which was originated by a breeder in Michigan who has spent seven years in perfecting a variety that he claims to be a fine table fowl as well as an excellent layer. As clean legged fowl with pea-combs are not liberally represented among our standard-bred varieties, the Buckeye, being the only one in the American class, we believe the White Buckeye, if bred to the same type and size as the Standard variety, will prove a valuable addition to American races of poultry.

We have devoted considerable space to Indian Runner Ducks in the past year, believing a good healthy discussion on "what's what" and "who's who," in the Runner business will result in finally getting the Standard for Indian Runners straightened out, so that most breeders will abide by it. The Standard Revision Committee will meet some time during the spring or summer of 1913, and it is to be hoped

that the several Indian Runner Duck clubs will have their Standard completed in time, so as to submit copies to F. J. Marshall, chairman of the waterfowl committee.

Charles Fraser, Marlton, N. J., writes us under date of December 2nd in relation to the Standard as follows:

"You are aware that there are two Indian Runner Clubs in the United States, one the English Indian Runner Club of America, of which Mr. Sampson is president, and The Cumberland White Egg Club, of which Mrs. Valentine is president. Your humble servant has the pleasure of belonging to both of these clubs, the object of which is the promotion of the original Fawn and White Cumberland Duck, as introduced into England some 75 years ago.



POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; ask for it today Chas. L. Stiles, Columbus, Ohio

DAVIS LIGHT BRAHMAS

1 Cockerel, 1-2 Pullet at the Great Hagerstown Show. If you want quality, I have it at reasonable prices. Write me. Also LIGHT BRAHMA BANTAMS—the kind that win. F. W. DAVIS, Box W, KETSER, W. VA.

The Famous "IDEAL"

TRAP NEST

Shows which hen laid the egg. Most efficient—easiest to install and operate. Progressive poultrymen everywhere use them. Practical for YOU or your money back. No watching. No fright. No freight. Plans, Traps, Bands, Record Sheets. Write NOW for prices and proof.

F. O. WELLCOME, Box W, YARMOUTH, ME.

A BUSINESS PROPOSITION

If interested in S. C. White Leghorns or Silver Campines for egg production, get our prices today. Quality no better.

HIGHLAND FARM,

R. F. D. No. 1,

W. Princess St., YORK PA.

LORD-SANBORN BUFF WYANDOTTES

200 pure Lord birds for sale at \$5.00 each. Best display at Palace and Boston Shows, 1911.

New and helpful printed matter for the asking.

DR. N. W. SANBORN,

R. F. D. No. 224,

HOLDEN, MASS.

ROCKLAND WHITE ROCKS

Winners at Madison Square, Philadelphia, Baltimore, Hagerstown and Allentown. Have one thousand young stock to dispose of before moving into winter quarters. Satisfaction guaranteed. Write your wants.

ROCKLAND FARM, D. Lee, Prop.,

Box 2,

BENSON, MD.

Single Comb White Leghorns

TIME, BRAINS AND MONEY

We have invested in our Single Comb White Leghorns. We breed two distinct and separate lines—Show Birds and Danish S. C. White Leghorns. One, to fill the requirements of the Standard, the other, to fill the egg basket.

Years of careful breeding in open front houses on free range have given our birds an inherent vigor and vitality which is the key-note of our success.

We make no claims of Best-in-the World or 200 Egg Strain but our Show Birds can win and our Danish Leghorns have the size and lay the big eggs.

ARMSTRONG BROS.

LOCH RAVEN, MD.

Eggs for Hatching.

Stock for Sale.

"TWO OF A KIND"

TWO

OPEN AIR

HOVERS

Nature AND Close-to-Nature

Bird Life Demands Open Air --- Close-To-Nature Brooders Give It

Contact Warmth like the old hen—Plenty of Fresh Air—No Over-Crowding. Give chicks these three things and raise every chick in flocks of 100 to 300. It is natural for chicks to get their warmth by coming in contact with a warm body. Habit and Heredity for several thousand years have made this the case. But Hot Air or furnace is not Natural. It dries out, weakens and kills. Chicks in Close-To-Nature Brooders nestle their backs against a warm body that perfectly simulates the broody hen.

The Close-To-Nature Brooders have a very long, narrow hover which allows large flocks with no congestion. Such hovers are not possible except with contact heat. For raising chicks in cold weather, the Close-To-Nature Brooders and Hovers excel. Send for Free Catalog.

CLOSE-TO-NATURE COMPANY,

48 Front Street,

COLFAX, IOWA

"Mr. Sampson's club adopted the English Standard in full and had same copyrighted in this country. Personally, I can see very few changes to be made in this Standard to improve the Cumberland Fawn and White Indian Runners and I think it should be adopted as it is by the A. P. A. as it now stands, and not wait for any so-called improvements coming from the English I. R. C. of England. Mr. Walton being the secretary of this club, will no doubt have the new Standard to admit his new creation of Fairy Fawn Runners. These birds have very fine carriage but are a new variety and are apt to lay tinted eggs. He is doing what he can in England to push these new ducks and is also getting several of the officers of the Cumberland Club in this country to push the Fairy Fawn variety.

"Personally I do not object to any new variety, if it is given a place in the Standard on its own good qualities, but I most seriously protest the mixing in and confusing way that the Runner Standards have been handled in the past, and the way it looks for the introduction of the Fairy Fawn, via, the Fawn and White Standards.

"It is now time that the various varieties of Indian Runners had Standards for every variety, there are enough of them bred and exhibited to warrant this.—The Whites, Fawn and White Cumberland variety, Light Fawn and White American variety, and if they want it, a Fairy Fawn variety. In England at the Crystal Palace Show, they have mixed up the duck classes so that any and all varieties compete under one class. They do not have all varieties of Orpingtons, Leghorns or other breeds of fowl classed this way, and why do they allow the Runner Ducks to be judged this way? We want classes over here for all varieties."

If three distinct varieties of Indian Runners, viz: The Fawn and White, English Penciled and White exist and breed true to type and color, the American Poultry Association will no doubt recognize all three and include them among the standard-bred varieties of ducks. Personally while we believe the Fawn and White Indian Runner now described in the Standard should remain, we also believe that the English Penciled Runner is entitled to recognition, as it is a beautiful variety, the color markings of the feathers being very attractive. As to the Fairy Fawn Runners of Mr. Walton's, we have not seen any specimens or heard of any being exhibited in this country.

The American Campine Club has mailed to its members a copy of the Campine Standard formulated by Secretary M. R. Jacobus and Frank L. Platt for study and approval prior to

the annual club meeting to be held January 2, 1912, at the Madison Square Garden, New York, at which time a vote will be taken on the adoption of a Standard. As this Standard has been copyrighted by the American Campine Club, in order to protect it for the exclusive use of the latter, we are not at liberty to print it in full or in part at present, but will await the adoption of it by the members at the annual club meeting before commenting on the same. As formulated at present, it differs greatly from the English Campine Standard, especially in calling for a rather long list of "Breed Disqualifications," one of which is "red or bay eyes" and making black the Standard color for the eyes of Campines. Personally, we regret to see the Campine get a black eye in the beginning of its popularity.

Judges must expect criticism of their work, no matter how ably and conscientiously they performed it. We can not all see alike, and the best way to meet criticism is to respect it and take it good naturedly. As an old fancier in the Illustrated Poultry Record for November sagely remark-

IVES' LANGSHANS "A GOOD STRAIN, OF A GOOD BREED"
Consistent winners at the largest shows for many years. Elegant big COCKERELS NOW at very reasonable prices.
PAUL B. IVES, "Bonnycroft" GUILFORD, CONN.

REGAL WHITE WYANDOTTES They are unexcelled as layers and winners. At Buffalo Great International Show this year, on five entries I won 3rd cock, 4th hen, 2nd cockerel, 1st pullet, 2nd pen, also best display. They will win for you. Eggs \$2.50 per fifteen. HENRY R. JONES, DERBY, N.Y.



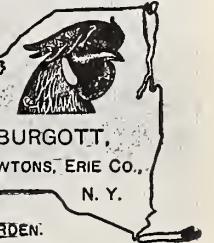
The FAVORITE BAND
is made of heavy aluminum. Has smooth edges, locks with two clinches. Numbered with large **RAISED FIGURES**

PRICES: 12 for 15 cents; 25 for 25 cents; 50 for 40 cents; 100 for 65 cents.

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Bird Bros., Meyersdale, Pa., hold the country's prize winning record on Partridge Rocks. They have won 16 of the 18 firsts for which they competed during the last two years in four great eastern shows, including Madison Square of 1911, the greatest Partridge Rock show ever held.

ed, "Some judges are very sensitive, they appear to think that everyone who fails to agree with their decisions is a personal enemy. We want no popes of that kind. Infalibility is unknown in the poultry world."

—o—

A Barred Plymouth Rock hen bred by John Taylor, England, was awarded first and challenge cup, "Verney" Challenge trophy, International trophy and medal over all Rocks, 155; championship trophy for best hen or pullet any variety and cup for best fowl in Crystal Show (7000 entries.)

Mr. Taylor believes in single matings and has bred both Barred Rock males and females by this method, that have won the International trophy over all other Rocks at the Grand International Show. Mr. Taylor's idea of single matings is given in his mating list as follows:

"I have often been asked how I breed my Barred Rocks. I have only one way. I breed from birds (both male and females) of the correct color—a good steel-grey. In a typi-

cal bird every bar is a good blueish black on a blueish-white ground, the white and black bars are equal in width, and every feather ends with a neat black tip. If I want to use a rather dark hen, I choose a cock just a shade brighter. Similarly, if the hens are a little light or bright in color, then I use a cockerel of a darker shade. But all must have neat, clean barring; the finer this is the better I am pleased, provided the bars are clear in color. For in getting the desired fine barring one must not tolerate bars which are smutty, brownish, or brassy in color. The birds I breed from must be clear in color and of uniform tint; the hackle, breast, back, wings, shoulders, thighs, and tails must all blend, and be the color I have mentioned.

"In purchasing for shows or breeding, I think it very important, especially for the latter use, to select birds with sound barred breast and hackle, the other points often follow in the breeding if the bird excels in these two particulars. The next in importance is shape and size. In other words, having obtained color and barring, have a frame to set it off. In an exhibition specimen, however perfect the barring, a good size is essential. In saying that I only breed my winners from birds of the true color on both sides of the pen, I do not wish to imply that this is the only way. Everyone who breeds Barred Rocks will get a black one or two and a light one out of a dozen or fourteen chicks, and I have known black pullets, mated with a light-colored cockerel, produce some very nice birds. Yet I still consider breeding from correct color birds is best, because one can expect both

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EGGS FOR HATCHING—SELECT MATINGS
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per 50. **BABY CHICKS—\$25 per 100, \$15 per 50, \$8 per 25.**

U. R. FISHEL,

Box B,

HOPE, IND.



good cockerels and pullets from the one mating."

An illustration of Mr. Taylor's hen appears in the November 29th issue of "The Feathered World," England, which shows the fine, regular and narrow barring and clean color described by her owner, but we are afraid that American Barred Plymouth Rock fanciers would hardly class the Palace winner as a show Rock from their standpoint, as somewhat wider barring and a more ringy effect is demanded in this country.

That Barred Plymouth Rocks of which the above mentioned English hen is a type, can be bred as stated by Mr. Taylor is no doubt true, but whether the cockerels and pullets produced from the same pen will find equal favor with the judges as exhibition specimens we doubt, although occasionally a bright and light colored cockerel will catch the eye of the judge, if he is regularly and finely barred in all sections, but such is the exception and not the rule.

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STANDARD BRED FOWLS ANSWERS TO QUERIES

CONDUCTED BY J. H. DREVENSTEDT

SIDE SPRIGS—WHITE IN LOBES AND STUBS IN WHITE ORPINGTONS

Q. What is a side sprig? 2. Does white in ear lobe of S. C. White Orpington male disqualify for exhibition purposes? 3. Do partly blue legs disqualify? 4. What are stubs? 5. At what age does a White Orpington male attain its permanent shape? F. K., Illinois.

A. 1. Side sprigs are extraneous, well defined growths on the side of a comb. You will find side sprigs illustrated on page 24 of the American Standard of Perfection. 2. Positive white in ear lobe covering more than one-third of surface will disqualify a S. C. White Orpington. 3. Yes. Shanks should be white or pinkish white. 4. Stubs are the undeveloped feathers or quills found on the side of the shanks and between the toes. 5. Usually at eighteen months of age after he has moulted from a cockerel into a cock.

COLOR OF BUFF ORPINGTON DUCKS

Q. I would like to know if Buff Orpington drakes should carry a seal brown head and neck and wing-bars as to contain varying colored buff, to make exhibition males or should the wings be free with only a splash as those that are buff all over, but not as

handsome as those that have wing-bars? S. J. N., California.

A. The color of Buff Orpington ducks is described in "The Poultry

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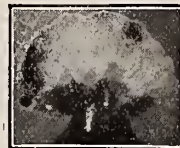
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Prize winners Madison Square Garden, Philadelphia and Boston. Circular free.
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UTILITY—BRED-TO-LAY—BIRDS

Club Standard" of England (1910 edition) as follows: Plumage,—Rich shade of fawn, even throughout, the head and the upper portion of the neck of the drake at least two shades darker than the body color."

BLACK ORPINGTON COCKEREL OUT OF CONDITION

Q. I have a very fine seven month old Black Orpington cockerel up to Standard weight, which some six weeks ago I segregated and he now has a pen and small yard to himself. I have a flock of aggressive cockerels, but I am afraid to put him in with them for he would not have the peace of his life. He is worrying continually for females, but I do not want him to run with them in view of attaining a better development for showing, and yet I have no place to keep him out of sight of these females. He appears strong and vigorous, but he has some little difficulty with his breathing. He coughs considerably and has for some time. I notice when on his perch he opens his mouth to inhale and also has a habit of rubbing his face backwards on his back. All is normal about his head, no running at the eyes or nose. His appetite is not very good, yet he appears in no way to be ill. His plumage would indicate that he is not in the best of condition. B. O., Ohio.

A. If you can not keep the cockerel out of sight of the hens or pullets, it may prove a good plan to allow him to run with a few of them not in laying condition, as the bird evidently needs exercise to stimulate his appetite and high condition depends largely on the bird being a good feeder. A little oilmeal in his feed or some good condition powder may produce an improvement in his condition, but we prefer a bird to get in shape by natural means if possible.

RED IN LOBES OF MINORCAS—NEWLY HUSKED CORN FOR CHICKENS

Q. Will the ear-lobes of Black Black Minorca hens show red around the edges as they grow old, say at three years old? 2. Is corn as soon as husked detrimental to chickens for feed or should it be thoroughly dry? J. H. T., Penna.

A. Red will appear in the white lobes of Minorcas with age, although some birds with special care will preserve their white lobes for several years. 2. Corn should be thoroughly ripe and dry before it is fed to chickens.

PHOENIX OR YOKOHAMA FOWL

Q. In several of your back issues you have given some excellent pictures of the Phoenix fowl, but a somewhat limited account of the birds themselves. I have been observing a flock of these birds for two years, but neither the owner, or myself have been able to find the proper colored leg to breed to. This flock has seventeen pullets having both green and the blue legs. The green legged ones seem to be the best in plumage to breed for the long tail feathers on the cocks, while the blue legged ones seem a trifle smaller in size and pos-

sibly a trifle lighter in color of the breast and neck. Also in the true Phoenix fowl should the females have a single comb? I have been unable to find a Standard or other poultry books treating on this fowl. Furthermore, have you any knowledge of a strain of pure white Phoenix fowl? J. C. B., New York.

A. All varieties of Phoenix or Yokohamas are described in "The Poultry Club Standard" of England. Combs are either single or pea comb, legs slate or willow except in the white variety, which calls for white or yellow legs and feet. We expect to print in an early issue of AMERICAN POULTRY WORLD an article on Phoenix fowl written by a noted breeder of England.



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1500 Breeders-Free Range-1500 Layers

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S. C. White Leghorns (Young, Wycoff and Blanchard Strains) Eggs \$6.00 per 100; \$50 per 1000. Chicks \$15 per 100; \$125 per 1000.

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Imperial Pekin Ducks (Rankin and Dayhoff Strains) Eggs \$9.00 per 100, Ducklings \$25 per 100. \$225 per 1000.

Book your order now. Write for Catalogue it tells why our chicks and ducks live. We guarantee safe arrival.

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WHITE IN LOBES OF ORPINGTONS

Q. In looking over a White Orpington cockerel, I recently purchased, I found white patches in his ear lobes. One lobe has a white spot $\frac{1}{4}$ inch in width and $\frac{3}{4}$ inch long and there are also a few white spots about the size of a pinhead, the other lobe is not near so bad, but has a few white spots. If these patches and spots of white are permanent and natural can this cockerel be used as a breeder or will the defect be transmitted to his progeny? H. C. F., Ohio.

A. You can breed the White Orpington cockerel having white in his lobe, but select hens that have sound red lobes to mate him with. White in the lobes of White Orpingtons is still a rather common defect and it will take several years of careful breeding to eliminate it.

BROODER TROUBLES PAST

Michigan Poultrymen Adopt New System. Brooder Stove is Successful in a Cold Climate

N. P. Husted of Grandville, Michigan, is a man who has the courage of his convictions. It was also the courage of desperation that led him to experiment with a Brooder Stove. The heavy mortality and frightful expense of the usual small brooder almost drove him out of the poultry raising business. Now he has cut his losses to less than ten per cent. This is his story of how he did it:

"My hot water brooder system that cost me \$1,000 to install and about eight dollars a week for fuel, had a capacity of 2,000 chicks, but always at the end of each hatching season I would find my flocks far short of the number I had counted on. In fact it was difficult to raise a flock of the size necessary to operate profitably. Twenty-five to fifty per cent. were the usual losses between hatching time and roosting time, and most often it was the fifty per cent. loss. I was almost ready to quit.

"I always had a longing to know more about the Brooder Stoves which I had seen at Petaluma, California, when I was in the chicken business there. The stove then had several drawbacks, and doubt was always expressed of its operating satisfactorily in the cold weather of a Michigan winter.

"I wrote to California, was pleased with the reports I received, and finally early this last season I ordered a stove, and induced a neighbor, who had had the same troubles as I, to do likewise.

"We started our stoves early, and so satisfactory were the results that I got two more stoves and had them going as soon as possible.

"I had from 840 to 1420 chicks around each stove, and the second and third brood around part of the stoves.

Aside from a loss of about 100 chickens due to carelessness, my mortality has been less than 10 per cent., and I now have 5,000 to 6,000 lusty, vigorous pullets and cockerels. The stoves cut the work in two, and then some. The chicks were all fed and watered at the same time. It is very much easier to clean out one large room than to attend to a lot of small brooders and hovers.

"The chicks are strong and healthy. They enjoy scratching in the litter and are always contented. They sleep in circles around the brooder stove



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Special Utility females \$2.00 each, males \$4.00. Fine mated breeding pens to produce show stock \$25.00 to \$35.00. Order at once.

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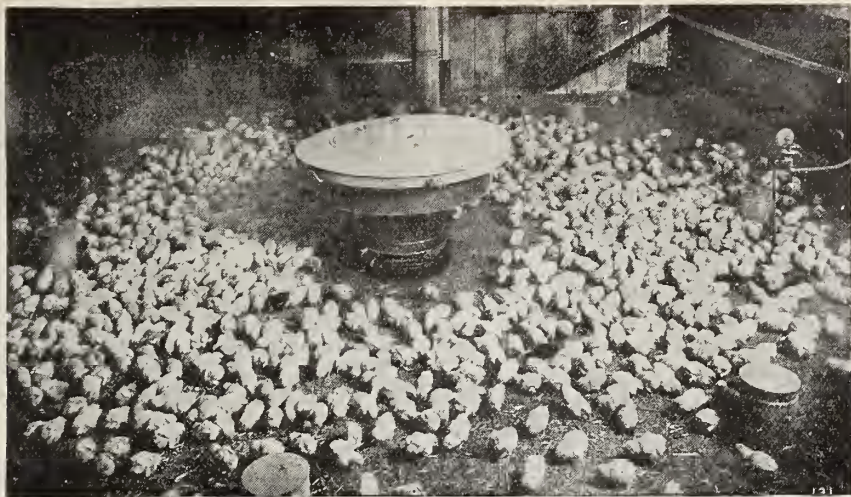


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Flashlight photograph showing how the chicks sleep. They instinctively form this circle around the stove and get just close enough to the heat to sleep comfortably. If the temperature changes during the night, they will either move closer to the stove or away from it, according to the change in temperature.

with their heads away from it. They get the heat on their backs, and seem to know just how far away to get to be most comfortable. If the heat increases they move away. When it slackens they back up closer to the stove.

"No fumes can escape from the stove, and the oil supply is so arranged that a regulator gives just the amount required for the predetermined heat. The fuel is low grade kerosene or distillate—cheaper and safer than regular kerosene.

"My neighbor has been even more successful than I. He lost very few chicks and made a further experiment. He raised flocks of four different ages around one stove at the same time. A large poultry farm not far from us heard what we were doing, and they telegraphed for stoves, and before the brooder season was over had four stoves in service. The brooder stove is chicken insurance. It gives the chicks room to run around and plenty of fresh air. Next to proper feeding these are of the most importance. I do not see how any poultryman can afford to continue old methods.

"I'll be glad to show my brooder stove to those in reaching distance of Grandville, or will answer inquiries from readers of AMERICAN POULTRY WORLD.

"EVERGOLD" CATALOGUE

Gerald Williams, who as announced in the November number of AMERICAN POULTRY WORLD, has been joined by W. G. Marshall, and with him will conduct Rocky Run Farm at Northfield, Ohio, announces that a new Evergold catalogue illustrating and describing Evergold Buff Wyandottes is being prepared and will soon be ready for distribution. To use Mr. Williams' own words he writes, "We are now at work on a combined catalogue of Evergolds and Text Book on Buff Wyandottes, containing the very latest authority on Buff Wyandottes, with illustrations, photos, etc., by one of the world's best artists. This will be sent for one-half its cost to us, namely, 20 cents."

Those who are interested in Buff Dottes should have a copy of this book, which can be obtained by addressing Rocky Run Farm, Northfield, Ohio.

*** Do you want to succeed? Then send for a copy of "Successful Poultry Keeping." One dollar will bring you a copy ***

Feed Pearl Grit - It Pays



It's a double-purpose grit. Clean, hard and sharp. Grinds the bird's food—aid digestion. Keeps hens healthy, helps them molt quickly, makes eggs. Send for our new valuable poultry booklet giving pointers and prices.

THE OHIO MARBLE CO.,
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Hens Need

Green Bone

Greatest of all egg-making foods. Supply it fresh, get it low priced. Cut it at home with a

STANDARD Bone Cutter

(Greatly improved this year)

The cutter that handles bone in all conditions and doesn't break down. The favorite everywhere. It always makes good. Its easy turning, strength and nice work in cutting bones across the grain please every user. Don't buy any cutter till you know the Standard. Send for free book.

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They are Ready. Sure Winner for the coming shows. Cocks, Hens, Cockerels, Pullets, that will win at any shows. Have won at Chicago, Indianapolis, Cleveland, Toledo, Columbus, Mansfield, Bucyrus, for the past 18 years. Prices right. Write your wants. Your money's worth or your money back.

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R. I. Reds OLD ACRES R. I. Reds

We Are Breeding THE BEST REDS in America

Madison Square Garden and Boston Winners for Years. We can supply You with Exhibition Stock and Breeders.

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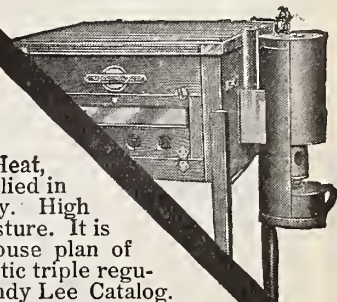
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Mandy Lee Incubator

has put chick hatching on a scientific basis. Heat, moisture and fresh air are measured and applied in right proportions to each other automatically. High heat has low moisture, low heat has high moisture. It is the incubator with the open-front-poultry-house plan of ventilation. Ventilation is perfect. Its automatic triple regulator never goes wrong. Send for the Mandy Lee Catalog.



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Lee's standard poultry supplies are handled by leading dealers everywhere. Ask for them. If not at yours, write us.

Germozone Cures Roup, Colds, Canker, Swelled Head, Bowel Trouble, etc. Cuts down chick losses 90%. Standard remedy everywhere. Sample for 6c. Price 50c.

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Write direct to us for practical free Incubator and Supply books.

GEO. H. LEE CO.
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Poultry
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THE YONKERS SHOW

A FINANCIAL SUCCESS, WITH EXHIBITS OF MADISON SQUARE GARDEN QUALITY

BY J. H. DREVENSTEDT

The annual exhibition of the Westchester Fanciers' Club was held in Yonkers this season instead of White Plains, N. Y. This change of location proved to be a good one, as the show proved a financial success, and at the same time enlisted many new poultry fanciers in that locality. Yonkers is a suburb of New York City, being only forty minutes ride by the subway to the center of the big city. It was in reality a "Little Old New York" show run by New York business men, who own suburban homes within easy reach of the metropolis.

The excellent organization holding this show is composed principally of fanciers, men and women who breed standard-bred poultry more for pleasure and recreation than for profit. It was a fanciers' exhibition of the very highest class of pure bred poultry, the quality in many of the classes being of the kind we see at the Madison Square Garden and other leading winter exhibitions.

About twelve hundred fowl and pigeons were penned and fed by Spratt's, the latter being in charge of the veteran W. A. Smith, who has no superior in handling, cooping and feeding poultry, pigeons and pet stock.

Secretary Pruyn was the right man in the right place doing his rather strenuous work in a cool and methodical manner. He was ably assisted by the other officers of the club, and the exhibitors and judges were well pleased with the courteous treatment extended to them by the Westchester Fanciers' Club. That annual shows at Yonkers will become very popular in the future was plainly evident by the good will of the exhibitors and their friends expressed toward the management.

The judges were W. J. Stanton, Paul W. Doll and J. H. Drevenstedt, and they had to hustle from 9 A. M. until

7 P. M. to finish their classes. Mr. Doll made his debut as an Orpington judge and did exceedingly careful and conscientious work, sticking close to the Standard requirements in placing his awards. Poultry shows need judges of Mr. Doll's ability and high character and we trust Judge Doll may find time to handle Orpingtons as

S. C. BUFF LEGHORN PRIZE WINNERS

At Mt. Holly, N. J. in hot competition won 4th cockerel, 1st pullet. At Holyoke, Mass., 2nd cockerel. At Providence, R. I., in large classes 2nd cockerel, 4th pullet on 2 entries. Young stock for sale.

HILL CREST FARM,

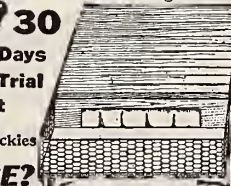
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NORTH GORHAM, ME.

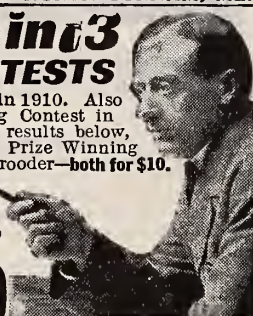
Wisconsin Victorious in 3 BIG Hatching Contests



Winner in Mo. Valley Farmer Contest in 1910. Also a winner in the Successful Farming Contest in 1911 and 1912. Read the record of results below, then bear in mind you can get this Prize Winning Incubator and the genuine Wisconsin Brooder—both for \$10.



BOTH For Only \$10



WHY PAY MORE?

I stand ready to prove to you there are no better machines on the market for anything like my low price. I stand ready to let you prove it in your own home—to your own satisfaction (not mine), and pay the freight charges both ways. You take no risk—no chances. I will ship you one of my 125 Egg Hot Water Wisconsin Incubators and a 125 Chick Brooder on 30 days trial, and if you don't find it the best hatching outfit after 30 days trial, ship it back, and back comes your money. Machines that win in the Big Hatching Contests year after year, surely must have unusual merit. But remember, they must win your satisfaction or I take them back—return your money—pay all freight cost. Here's my offer.

125 Egg Wisconsin Incubator Both Freight \$10.00 Prepaid

Mrs. Jerry McMahon, Veederburg, Ind., won in the 1910 Mo. Valley Farmer Hatching Contest, hatching 125 chicks from 126 eggs with her Wisconsin Incubator.

Mr. C. B. Armitage, Atwater, Ohio, hatched 88 chicks from 88 eggs and 93 chicks from 83 eggs in the 1911 Successful Farming Hatching Contest, making two 100 per cent hatches.

Mrs. J. W. Mize, Vaughns Mill, Ky., won in the 1912 Successful Farming Hatching Contest, hatching 105 chicks from 105 fertile eggs.

Can you equal such records—certainly they can't be beaten. Where can you buy such hatching efficiency for the money? The reason is because Wisconsin has double walls, dead air spaces, double glass doors, copper tanks and boiler, nursery, Tyco's Thermometers, are self-regulating, well made of California Redwood, natural finish, complete—set up ready to use. Brooders equally well constructed, hover, safety oil lamp, wire yards—both the best in every way. Order a pair on my liberal 30 day trial—5 year guarantee and be convinced. Or write for catalog. The publishers of this paper vouch for my responsibility.

WISCONSIN INCUBATOR CO., T. J. COLLIER, Mgr., Box 59, RACINE, WIS.

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AUTOMATICALLY SELECTS LAYERS

1913—The Best is the Cheapest—1913

This nest requires none of your time or attention, no waiting for hen to lay or re-setting of nest. Operated as well and better by the hens during your absence than if present to disturb them. It saves time, labor and feed by selecting the good layers from the culls and drones. The good layers produce the hatchable eggs and strong, healthy chicks. All leading breeders are using the trap-nest. We are sending them everywhere. Made of galvanized sheet metal, are sanitary, vermin proof and will last a lifetime. Write for free booklet or agency or both. Address

AUTOMATIC SANITARY TRAP-NEST CO.,
DULUTH, MINN.

well as some of the Wyandotte classes at future shows.

William J. Stanton, one of America's oldest poultry and pigeon judges, looked as young and acted as spry as he did twenty years ago. As a safe, reliable all around judge "Billy" Stanton is acknowledged to be one of the best in the United States. He passed on all the pigeons, bantams, water fowl and several of the larger poultry classes.

J. H. Drevenstedt judged the Plymouth Rocks, Wyandottes, Rhode Island Reds and Leghorns and these furnished very strong competition in the most of the classes, especially in the White Wyandotte, Plymouth Rocks, Rhode Island Reds and White Leghorns.

White Rocks were excellent in quality, the wonderful uniformity in type and color of the winners being most striking, notably in the first cock, cockerel, hen and pullet, while the first pen was of the finest we have seen in some time. Frank Davey, one of America's greatest White Rock breeders before he went to Owen Farms made Greystone Poultry Yards, Yonkers, N. Y., famous for its White Plymouth Rocks and educated several of his neighbors in the art of breeding good ones. Among his most apt pupils were Claude Edgerton and Jacob Damon. Buff Rocks were also of the very best quality, the star of the class being the first cockerel, a rarely beautiful bird in type, comb and size, with the most even golden buff plumage and sound tail and wing feathers. Barred Plymouth Rocks, small classes, but what they lacked in quantity they made up in quality, the first cock and cockerel, first and second hen, first, second and third pullets being excellent in color and barring.

Wyandottes were unusually strong in the white classes, the first prize pen being composed of a male and four females good enough to win the prize for the best pen in the show. The male at the head of this pen could

easily have won in the open class, his beautiful head, standard type and fine color proclaiming him a *rara avis*. Silver and Golden Wyandottes, excellent in color and type. Silver Penciled, Partridge and Blacks also very good in quality. Only one pen of Buffs and one pullet in Columbian Wyandottes were exhibited, but they were good ones.

Rhode Island Reds, very strong classes, the quality being the most even we have seen this year. Seaman & Bogert made almost a clean sweep in the single and rose comb classes, although closely pressed by Grannis Bros. in the S. C. Rhode Island Red cockerel class, while J. C. Boyan scored a well deserved win with a beautiful pullet that looks a blue ribbon winner all over. The evenness and richness of color, as well as the uniform type of the winning Reds indicate that this breed has reached such a high state of perfection that the day of chocolate colored and orange hackled males and russet colored females has passed. A study of the winning pens at this show convinced the skeptics that Rhode Island



THE "SIGNET" ALUMINUM LEG BAND
The Band That Stays On
PRICE—12-15c., 25-20c., 50-35c., 100-60c. Stamp for sample.
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Book on Dog Diseases

AND HOW TO FEED.

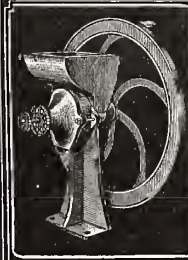


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A GREAT BIG HAND GRINDER

that will save its cost several times a year and will furnish one to two bushels per hour of fresh ground corn, oats, peas, dry bone, oyster shells, nut shells, dry stale bread, etc., for poultry feed, or will grind table meal for family use.

A child can operate it. Thousands sold annually. Shipping weight 40 lbs. We also build a full line of Power Feed Mills, Samson Wind Mills, Gasoline Engines. Ask for catalogs, stating line in which you are interested.

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OAKLANDS POULTRY FARM

S. C. WHITE LEGHORNS
S. C. RHODE ISLAND REDS
SILVER PENCILED ROCKS

Steady prize winners at all shows. A large stock of Cockerels, Pullets and Hens. Day-Old Chicks after February 1st. Address

OAKLANDS POULTRY FARM, R. F. D. No. 3, TRENTON JUNCTION, N. J.

RILEY'S BARRED PLYMOUTH ROCKS

I have raised a grand lot of young stock from my Madison Square winners, and can fill your wants in show or breeding birds. A pen mated to produce winners for \$25.00. Wonderful Cockerels \$5 and \$10. Write me your needs.

HENRY D. RILEY,

Box C.

STRAFFORD, Chester Co., PA.

REDNEY RHODE ISLAND REDS WIN IN HOTTEST COMPETITION MAKE COMPETITION HOTTEST

"REDNEY CHAMPION" Champion Rose Comb Red Male Grand Central Palace 1912 First prize on Cock, Rose Comb, Bronze medal for best Rose Comb male, specials for best shaped Rose Comb male and third prize pullet at Grand Central Palace 1912. They made the competition hottest ever at the 1912 New York State Fair. First prize cock and first and season prize cockerel pronounced as completely outclassing everything else in their class, and the first and second prize pullets as the best ever exhibited anywhere. Exhibition and breeding stock for sale. Eggs from my Champion and Prize Mating Pens for sale in season. Some good Single Combs for sale.

J. ALVAH SCOTT,

Red Specialist

OSSINING-ON-HUDSON, N. Y.



"KELLERSTRASS" White Orpingtons

Are the Biggest Payers because they have proven to be the Biggest Winter Layers

Kellerstrass Strain "Crystal" White Orpingtons

Are the *Grandest Utility* birds on record today, and as to their *Fancy Quality*, they won first at Madison Square Garden, New York, 1905, 1906, 1907, 1908, 1909, 1910; also at Crystal Palace, London, England, and Chicago and Boston. If you need some birds to *Improve Your Stock* or for *Show Room* write us. We have them and the *Kind That Wins*, as our past record shows. *Stock* for sale at all times. Remember, we are the *Originators* of "Crystal" White Orpingtons, and breed only the one kind. We devote our whole time to this one breed.

KELLERSTRASS FARM, Westport Road, 9124, Kansas City, Mo.

Send for FREE Catalogue. Originators of Crystal White Orpingtons

Reds have attained not only brilliancy, but uniformity in color markings, the red and black in the tail and wing sections being sharply divided and as a rule free from peppering.

Orpingtons were strongly represented, notably the Whites, which were of the very highest class. Buffs and Blacks also made a fine showing. Grannis Bros. scored heavily in all three varieties, showing a full string of finely conditioned specimens in all classes.

Leghorns were very strong in white class and fairly strong in the single and rose comb Browns. Breeders of Brown Leghorns should wake-up and see that larger entries are made at poultry shows in the future. While the quality of the birds exhibited in the Brown Leghorn classes may be first class, the fact that few entries are made, hurts the variety, and every good poultry fancier knows that no handsomer fowl exists in the Mediterranean class than the dainty Brown Leghorn.

The American Dominiques exhibited at this show were the real thing and not cross-bred Barred Plymouth Rocks.

Anconas were well represented, but Minorcas made up a rather small class. Andalusians on the other hand had well filled classes, the quality of the winners being very good.

Game and Game Bantams, very scarce, but Pit Games were out in force, but the show pen is a poor place to judge a bird bred for fight and not feathers. In the Bantam classes, the Cochins and Japanese were the leading attractions, the quality being high grade.

Waterfowl were well represented by some fine Pekin and Indian Runners.

POULTRY AT THE NEW JERSEY EXPERIMENT STATION

The New Jersey legislature in 1910 passed an appropriation of \$15,000 for the building and equipment of a poultry department at the State College at New Brunswick. This money did not become available until the middle of the summer, but as soon as possible, the work was pushed forward by Prof. Lewis, and in August of that year A. L. Clark was secured as an assistant to Prof. Lewis, and with the help of two former students, the building of the poultry plant was rapidly completed.

The new buildings so far erected are models of modern poultry culture, based on the practical plans already found correct. Trap-nests and up-to-date equipment are the latest and best. Its advisory committee of five members of the New Jersey Branch of the American Poultry Association are all practical poultry raisers who have made good, and in Prof. Harry R. Lewis, the station has a young man of

practical experience. Trap-nests are used and experiments will be carried on in egg production, not one year but several. Many bulletins have been published on poultry house construction, principles and practice of poultry house feeding and marketing poultry products. The members of the Advisory Committee are Charles D.

\$1.00

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The Awl For All

Myers' Wonderful Sewing Awl

sews leather, canvas, shoes—anything, heavy or light. Complete repair shop in itself. Saves many trips to town. Mends harness, saddles, wagon covers, blankets, buggy tops, belts, etc. Can't get out of order. Original and only awl with diamond point full grooved needle to protect the thread. **BIG MONEY FOR AGENTS.**

C. A. Myers Co., 6365 Lexington Ave., Chicago, Ill.

ROWAN'S BLACK SPANISH At Madison Square Garden show 1911 won First cock, First Cockerel, First Pullet. At the Garden 1910 show we won First Cock, First Hen, First Cockerel, 1st Pullet, also hundreds of other First and Special prizes during the past 20 years. Eggs \$5 per setting, \$4 for each additional setting. Address **R. A. ROWAN,** Title Insurance Bldg., **LOS ANGELES, CAL.**

CHARCOAL For Healthy, Profitable Fowls

Feed our specially prepared Charcoal. Packed in paper lined bags of 50 lbs. We are the largest Manufacturers in America. **SPECIAL PRICE TO DEALERS**

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MAPLEWOOD

Again proves that it stands for highest quality in S. C. W. Leghorns, White Wyandottes, Pekin and Indian Runner Ducks, and Silver Campines. Look up our winnings at Syracuse and Batavia, two of the State's largest Fairs. We have for sale a few extra good Cockerels in all varieties, also four hundred S. C. W. Leghorn Hens, at reasonable prices, to make room for young stock. **Orders for Day-Old Chicks now being booked.**

MAPLEWOOD POULTRY YARDS, H. W. Hayner, Supt., ATTICA, N. Y.

Hattersley's Royal Scarlet Strain R. C. RHODE ISLAND REDS

Bred and exhibited by us. Have won at all the leading New Jersey Shows, also at Allentown, Hagerstown and New York. Eggs from fine exhibition matings for sale, also show and breeding birds. All stock sent on approval. Address **CHAS. O. HATTERSLEY,** **NUTLEY, N. J.**

Stock, Eggs and Baby Chicks for Sale

Great Winners

Great Layers

Great Payers

DO YOU BREED

"Sunswick Strain"

S. C. Buff Orpingtons and Buff Orpington Ducks

Or just ORPINGTONS?

The Great Buff Orpington Specialty Breeders of America

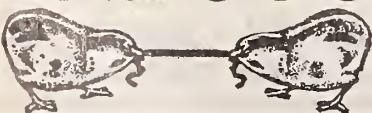
Sunswick Poultry Farm, South Plainfield, N. J.

Rufus A. Delafield, Owner

Send for Catalogue

Inspection Invited

BABCOCK'S BABY CHICKS



White Rocks S. C. White Leghorns Capacity 100,000 annually
The grandest chicks and eggs for hatching in the world are produced from our celebrated strain of heavy-laying, utility and exhibition stock. All breeders are reared on fine unlimited range. Every CHICK and EGG guaranteed to arrive in perfect condition. You simply cannot go wrong by starting with the magnificent, bred-to-lay hustlers from the **BABCOCK POULTRY FARM, Box W, Fredonia, N. Y.**
Chicks \$12 to \$20 per 100. Eggs \$5 to \$10 per 100. Catalogue free. Orders booked now for Prompt Shipment

Cleveland, West Orange; Fred Huyler, Peapack, N. J.; W. Lee Springs, Merchantville; M. R. Jacobus, Ridgefield, N. J., and J. Harry Wolsieffer, Vineland, N. J.



PROF. HARRY R. LEWIS.

The second annual poultry short course of the New Jersey State Agricultural College at New Brunswick, began November 18, 1912. Twenty-two students were graduated last year as a result of the first year's work. The poultry short course is outlined to cover a period of three months, during which time instruction is given by means of lectures, laboratory exercises, inspection trips and demonstrations. The poultry course is designed to cover briefly, yet completely, the entire subject of poultry husbandry. The course is open to both women and men. The lecture subjects discussed are as follows: Types and breeds of poultry, poultry breeding, exhibition, scoring and judging, preparation and marketing of poultry products, location, design and construction of buildings, sanitation, parasites, diseases and enemies, incubation and brooding, poultry farm management, composition of animal feeds, principles and practices of poultry feeding, turkeys, ducks, geese and pigeons, practical pomology, insects and farm crops. The above outlined lecture subjects are grouped so that from six to twelve lectures are devoted to each series.

Laboratory exercises occupy the afternoon periods. During the course

each student has the entire charge of an incubator and brooder, also the actual care and management of a pen of laying birds, keeping all records and doing the entire work personally. One afternoon laboratory period throughout the course is devoted to the design and construction of poultry houses; the work includes the making of plans, tracing and blue prints, as well as the actual construction of same by the students. In addition to this the following subjects are covered in the laboratory work:

Dissection and a study of anatomy and physiology, practical work in judging and the running of a poultry show, fitting poultry for exhibition,

copping and exhibiting, judging and managing, mating up, breeding fowls, mixing and preparation of feed mixtures, killing, picking, shaping and packing, judging dressed poultry, drawing, trussing, etc., grading and packing and cleaning eggs for market, making and applying a lice powder and disinfectant, laying out poultry farms and estimating expenditures and capacity, caponizing, firing, heating plants, embryology.

***"Turkeys, their care and management," is the title of a book that treats of all varieties of the turkey. A copy sent post paid upon receipt of seventy-five cents ***

Jacobus Improved Strain Silver Campines

Why did the Silver Campine Eggs from my yards win over all other white eggs at Boston, 1911-12?

M. R. JACOBUS, Box 3-W, RIDGEFIELD, N. J.



The Uhl Day-Old Chick Hatchery

The Largest and one of the Oldest in America.

Now 150,000 Egg Capacity.

We furnish chicks from high class and prize winning stock of all the leading and most popular varieties. Book your order for Spring delivery. Send for Catalog and price list.

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WHITE PLYMOUTH ROCKS WOLVERINE STRAIN

Why not let me supply you with a winner for your *coming* exhibition? The *Wolverine Strain* has been winning the creamy prizes for years at leading shows for customers in all parts of the country. *Why not for you?*

I have a choice lot of young and matured show birds for sale at reasonable prices. Write me your wants and where you wish to show—I can satisfy both in quality and in price.

Catalogue containing articles on feeding, conditioning, etc., mailed on receipt of 10c. *Eggs in season.*

LYMAN H. HILL, Sta. 2, JACKSON, MICH.

At Providence, R. I., Our Reds Again Make a Big Win Winning State Cup for 5th Successive Year

For best display—both combs competing. ALSO 1st and 2nd COCK; 2nd, 3rd and 4th HEN; 2nd, 3rd and 4th COCKEREL; 1st, 3rd and 4th PULLET and 1st PEN R. C. Also SHAPE, COLOR, and GOLD SPECIAL on COCKS, and two other gold specials. Can furnish YOU WINNERS for any show. EGGS at all seasons. CIRCULAR.

RED FEATHER FARM, F. W. C. Almy, Prop., Box 22, TIVERTON 4 CORs., R. I.

CUMBERLAND WHITE-EGG INDIAN RUNNERS AS LAYERS

During times of high prices for eggs a bountiful supply is appreciated by all breeders. The Indian Runner seems to fill a gap in the egg shortage period that occurs every fall. A Pennsylvania friend writes me that nine of her Penciled Runners (yearlings) did not stop laying altogether during the moult, and for 39 consecutive days previous to October 28, 1912, had laid nine eggs daily without a break, with no signs of stopping. During the same period a flock of 40 hens laid only from three to five eggs daily; quite a contrast, besides the duck eggs sold for 5c per dozen more. Equal care was given.

A New York friend writes me he is sending his Penciled Runner eggs to a Broadway hotel in place of Leghorn eggs as his hens are not laying. Their delicate flavor is appreciated by the best class of customers. He gets 50c per dozen at the farm. This letter was written in November, 1912.

Another New York letter brings me word of a flock of Cumberland Penciled Runners (30 in number), that were laying right along during November, 1912, from 23 to 26 eggs daily.

From Texas I have a letter stating that at a large local show the Cumberland Penciled Runners won everything in the way of prizes.

Now about November 25th, I have word that a lady in good old Maryland is getting from 7 to 10 eggs daily from 10 old Runners, and the June hatched ducks began laying Nov. 19th.

I had a duck hatched June 3, 1912, lay its first egg Oct. 21, or when it was just four months and two weeks old, showing that they "have the habit."

These are a few current facts concerning the Cumberland Penciled Runners and in every case stated nothing but white eggs are produced. This should have weight with thoughtful breeders and those intending to take up Runners.

\$400 CASH SPECIALS

The National White Wyandotte Club will hold its annual meeting in connection with the Albany, N. Y., show, January 13th-17th, 1913. \$400 in cash specials will be given on this one variety alone, besides the usual medals and regular prizes. This cash is distributed as follows: 1, \$10; 2, \$10; 3, \$10; 4, \$10; 5, \$5; 6, \$5; on cocks, hens, pullets, cockerels, old and young pens. Best shaped females, old and young \$12.50; 1st collection, \$30; 2nd collection, \$20. These prizes are open to club members only. All White Wyandotte fanciers should send for the club's Year Book, or better, send \$1 for membership to L. J. Demberger, Sec'y-Treas., Stewartsville, Ind. Those desiring premium lists should send to Chas. B. McEwan, Sec., Albany, N. Y.

*** Send for copy of our new Clubbing Catalogue, now ready for mailing ***

ORPINGTONS BUFF, BLACK, WHITE. My birds have been consistent winners at Pittsburgh three years in succession, 17 firsts and many other regular and special prizes, 1910-11-12. Choice mated pens—one male, four females \$15 to \$35. Two thousand to select from. Satisfaction guaranteed.
SANDY LICK POULTRY FARM, 966 Liberty Avenue, PITTSBURGH, PA.
L. O. Kettering, Prop. J. W. McGinnis, Mgr.

EAKIN'S WHITE WYANDOTTES

At the Official American Poultry Association Show of Ohio

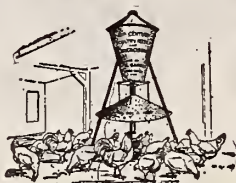
held at Mansfield, December 2-7, we won 1-3-5 cock, 2-3 cockerel, 2-4 pullet, 3 pen, special for best shaped male and special for whitest male. This win was made in competition rarely excelled demonstrating the wonderful merits of EAKIN'S WHITE WYANDOTTES. Our breeding pens this season will have quality equal to the best. They will contain all of our prize winners and you hatch from the same pen we do. Eggs for hatching \$5 per setting.

F. M. EAKIN,

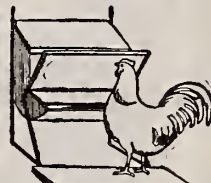
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When you are properly prepared for it. We have helped thousands. We can help you. The 20th century, automatic Feeder will save grain and labor enough to return to you double the amount of your purchase price before spring and twice the egg production. The easiest machine for fowls to operate, keeps feed dry and free from dirt and dust. No experiment, on the market for years. Our printed matter tells the story—it is free. (Also chick feeders and water tanks.)



C. S. BARNES, Successor to H. E. & C. S. Barnes,

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COLUMBUS, OHIO



**Increase Egg Yield
This Winter,
Save Money on Feed,
Make Chicks Grow
Rapidly, Strong**

by installing an Ideal Grain Sprouter and feed your hens the green food that is absolutely necessary to insure prolific egg production.

Eggs are going higher in price every day, the demand is far exceeding the supply, and it looks like *good times* and *plenty of money* for the man who has one of our Sprouters.

The IDEAL Grain Sprouter

- Is the best machine for sprouting grain ever made.
- will produce sprouts over 2 inches long in 24 hours;
- sprouts any kind of grain better, in less time and without fuss or muss;
- produces three to four bushels of feed from one bushel of grain;
- pays for itself in a single month by saving in feed bills, increasing egg yield, supplying food that makes chicks grow strong and vigorous.

The "Ideal" is made in several sizes—for a few hens up to hundreds. Can be used in summer (without lamp) as it has proper arrangements for moisture and ventilation to produce quick results and crisp feed.

J. W. MILLER COMPANY,

Box

602,

ROCKFORD, ILLINOIS

CONSTRUCTION
Made of best lumber—double walls, insulated with heavy deadening felt—inside lined with galvanized iron—frame of trays heavy galvanized iron—bottom of tray heavy wire setting—front of machine glass, which induces green sprouts. These sprouts require very small amount of artificial heat which is produced by the Ideal Safety Lamp, the fumes of which pass through ventilators.

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Don't delay but write at once for special low price freight prepaid introductory offer, full particulars and description of this perfect grain sprouter. No poultryman should be without it. It is the *Biggest Money Maker for the Poultryman since the Incubator was invented.*

Made by J. W. Miller Co., Manufacturers of Incubators, Brooders and Poultry Supplies, which is sufficient guarantee of its excellence.

Partridge's S. C. White Leghorns

BREEDING PENS HEADED BY THIS SEASON'S PRIZE WINNERS

Extra Fine Eggs from Mature Stock for Hatching.

UTILITY AND SHOW STOCK.

Booking Orders Now for Delivery after Febraury 25, 1913.

CHAS. W. PARTRIDGE

R. F. D. No. 1,

WHITE PLAINS, N. Y.

GRAND CENTRAL PALACE SHOW

By William C. Denny

[Continued from page 179]

among the visitors. The Hall Mammoth occupies a strong position among mammoth incubators. It was the original and has kept pace with its competitors making improvements whenever it has been possible to make them.

The Candee Mammoth Incubator was in charge of Mr. Maloney, the New York City selling agent. Mr. Maloney was assisted by Mr. Stevenson. This company reports a satisfactory and rapidly growing business.

The Cyphers Incubator Co. had a splendid display of incubators and brooders and poultry supplies of every description. W. E. French, manager of the New York Sales room, was in charge.

Pratt Food Co. had an interesting and attractive exhibit. Their remedies are known the world over, Pratt's regulator being especially recommended as an egg producer.

The Standard Electric Incubator Co., of 25 Barclay St., had a full line of their LeGlo incubators and hovers. For those who have access to electric current the LeGlo is the finest thing out, and according to testimonials they produce splendid results. Many experienced poultrymen are using them and obtaining satisfactory hatches.

Howard Mfg. Co. of Hornell, had their noted portable poultry houses on exhibition. Mr. Howard, the inventor, and Mr. Allen, his business partner, were present and reported having made a large number of sales. This house, which sells for \$30.00, complete, comfortably houses twenty fowls and is a model for convenience. It is especially adapted for back yard poultry breeding.

The International Sanitary Hover and Buckeye Incubator were being demonstrated by Mr. Fisher, the New York sales agent for these concerns. Mr. Fisher keeps a stock of these staples on hand at his poultry supply house, 27 Barclay St., New York City. This concern also are selling agents for Roupene, a roup cure sold by W. M. Whiting Co., and the Cycle Hatchery Co., of Elmira, N. Y.

A full line of Prairie State incubators and brooders were shown by the company's New York selling agent, Stump & Walter. Frank Gaylor, one of America's best known poultry breeders, was in charge of the exhibit.

Top Notch Farm, Water Mill, N. Y., Henry Cundell, Mgr., was as usual successful in the Barred Rock classes. Among the numerous prizes won by their entries were first and second cock, first and fourth pen and among the specials, the champion cup for best pen. They also entered four Black Langshans and won first and fourth cockerel and fourth pullet. Their first prize cockerel was a very stylish bird possessing true Langshan type and grand color.

L. C. Bonfoey, the well known White Rock breeder of Vernon, Conn., made a great winning including first

cock, first and second cockerels, first and second pullets and first pen. First pullet was awarded special for best pullet in the show. Mr. Bonfoey also won special for best display. Mr. Bonfoey is an experienced breeder and exhibitor of White Rocks and is an expert when it comes to putting birds in show condition. He has a surplus of stock for sale and will be glad to quote prices and send descriptions to those who are in need of either exhibition or breeding birds.

We did not meet James H. Vincent of Hazelton, Pa. Mr. Vincent breeds Buff Rocks and has some first class stock. His entries at the Palace show were successful in winning a number of prizes. His birds showed both good color and type.

White Wyandottes brought out a strong quality class in which the entries made by Onlya Farm were successful in winning a number of the best prizes including first pen. The cockerel at the head of this pen pleased us about as well as any bird of the variety that we have yet seen. He was a typical Wyandotte in every section and pure white throughout.

T. L. Little of Camden, S. C., was among the successful exhibitors who came a long distance for honors. Mr. Little, who is secretary of his local poultry association, entered a single White Wyandotte cockerel and was awarded second. This bird was a very

choice specimen possessing superior type and nearly perfect color.

J. H. Jackson of Hudson, Mass.,

ABERNETHY'S HOUDANS

Bred for Quality, not Quantity

Winners at the Big Houdan Show, Philadelphia, 1911.

JAS. ABERNETHY, Main St., WEST PEMBROKE, MAINE

PARTRIDGE ROCKS

ALSO COLUMBIAN, SILVER PENCILED and Barred of high-class. J. A. HAGEMAN, President Partridge Plymouth Rock Club, Box W, Charlotte, Mich.

Dr. Sudler's Single Comb Reds

We won first hen at the last Big Philadelphia Show and she was Red. If you wish to raise the same kind, order eggs from us. A few choice birds for sale.

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DR. FOSTER SUDLER, SUDLERSVILLE, MARYLAND

Indian Game and Wyandotte SPECIALIST

White and Cornish Indians. White, Silver Laced, Silver Penciled, Golden Laced, Partridge, Buff and Columbian Wyandottes...

Write for Catalogue and winnings.

H. J. HUNT, 3rd.

BETHESDA, MD.

January Bargains

Silver Penciled, Partridge and Columbian Rock Chicks \$4.00 per pair. Buff Rock Cockerels \$3.00 to \$10.00 each. 8 Columbian Wyandotte Hens, 2 Cocks for \$25.00, Chicks \$4.00 per pair. Indian Runner Ducks \$3.00 per pair. White China Geese \$10.00 per pair.

Spruce Farm, Geo. E. Howell, Howells, N. Y.

BUFF WYANDOTTES

Send for Mating List. Eggs as Represented.

J. E. BURT,

ATHOL, MASS.

BLUE ORPINGTON DUCKS

We beg to announce, to the poultry world the purchase of the entire flock of Blue Orpington Ducks of the Sunswick Poultry Farm together with all their winners and goodwill. It is our purpose to develop this flock extensively and we solicit correspondence from breeders of this choice fowl.

ROSELAWN FARM, J. H. Wendler,

LAKELAND, FLA.



WHITE ORPINGTONS

Magnificent youngsters fit for any show in the country. Remember that I supplied winners in some of the largest shows in America last year, and I have far better stock now. Am especially strong on exhibition hens. They are simply grand. My winning of the big Silver Cup for the best display, besides 1st pullet, 2nd cockerel, 3rd hen and 5th cock at the last two Chicago Shows is a positive demonstration that I am amply supplied with the right quality.

DR. GUY BLENCOE,

ALMA CENTER, WISC.

THE HOWARD SANITARY POULTRY HOUSE

THIS HOUSE is 4 ft. x 8 ft. and will accommodate from fifteen to twenty fowls. It is two stories high with no floor in base, thus giving the fowls a runway on the ground. The eggs are gathered by simply opening a door and the water fountain replenished in the same way. The adjustable roost, with galvanized drop board is easily taken out each morning, cleaned and hung up inside, out of the way. The litter on second floor is kept from falling down stairs by the trap door and litter guard, which door can be closed at night and protects the fowls from draught, thus affording a warm roosting place. The windows in front, doors on side and roof can be raised and thus affords perfect ventilation and also allows the sun access to all parts. This house is made of No. 1 lumber and of the best workmanship. There are 1 in. mesh wire screens protecting all openings for light and ventilation.

¶ These houses are sold for \$30.00 f. o. b. cars Hornell, N. Y., and detailed plans are sold for \$2.00. Cash with orders.

For Further Information drop us a Card.

Mail Orders Promptly Attended to

Manufactured by

THE HOWARD MFG. CO.,

HORNELL, N. Y.

was also a successful exhibitor. **Mr. Jackson** is a long time breeder of this variety and has a show record that is not possessed by many breeders.

While Buff Wyandottes were not as numerous as at the club show a year ago, some excellent birds were exhibited. **T. S. Hewke** of Middletown, N. Y., made a killing, winning all five first prizes and all specials including the one for best display. **Mr. Hewke's** birds have the right type and color. He has some stock for sale at reasonable prices.

In Rhode Island Reds it was "a battle royal" with honors pretty well divided among a large number of exhibitors. **Dearborn** and **Sharpe** won first with a bird that had already been a winner at Allentown and Trenton. This bird also was awarded color special at the Palace. They also won first cockerel with a grand bird that won shape special.

Maplecroft Farms, Pawling, N. Y., won among other prizes first and third pullets, special for best colored female and special for best display.

Phillip E. Smith of Roosevelt, L. I., with a single entry in pullets won second in a class of 28.

J. Alvah Scott of Ossining, N. Y., was successful in winning first R. C. cock, also special for best shaped male. This bird was also awarded special as champion male. **Mr. Scott's** bird was a beauty and no mistake.

Jenkins and Park, Chatham, N. Y., as usual showed a strong string and won among several other prizes first cockerel. This bird attracted great attention. Messrs. **Jenkins and Park** have some choice exhibition and breeding stock for sale and will be pleased to quote prices.

A man who really out did himself was **E. M. Dutton** of Newfane, N. Y. **Mr. Dutton** made three entries and in a class remarkable for its quality won first pen, first and third pullets and special for best colored female. **Mr. Dutton's** first prize pen was in the opinion of expert judges the best pen in the entire show.

A. S. Bailey of Cobalt, Conn., won second and third cockerel, fifth pullet, third pen and special for best display of Rose Combs.

Annesley M. Anderson of Morton, Pa., won second and fourth hen and fifth pen. **Mr. Anderson** is an old time breeder of the variety who has had a very successful career in showing Rhode Island Reds.

Chas. O. Hattersley of Nutley, N. J., won fourth on a pen of great quality with four pullets and an excellent cockerel, the latter was a trifle dark for the females or they would have landed higher up. This cockerel nevertheless was one of the best colored males of the show and if he had been entered in the single classes he would have given the winner a hard rub for first honors.

Louis Anderson of Bloomsbury, N. J., won a place on hen. **Mr. Anderson** has some choice stock for sale at reasonable prices.

A. B. Dalby, Proprietor of Dunrobin Farm, Red Bank, N. J., carried off major honors in the S. C. Buff and White Orpington classes. His first prize Buff Orpington cockerel was considered one of the best birds of the

variety yet shown and he won special for best cockerel at the Palace show. In White Orpingtons **Mr. Dalby's** entries won three out of five firsts including first hen, first cockerel, first pullet. He also won second and third on pullets in a strong class. For several years **Mr. Dalby** has been breeding Buff Orpington Ducks of which he made a fine exhibit and won all four firsts. **Mr. Dalby** is offering for sale a choice lot of market exhibition and breeding stock and also has some old birds at reasonable prices.

During the show **Geo. J. Kerr**, Manager of Dune Alpin Farm, East Hampton, L. I., N. Y., announced that

they had disposed of their entire stock as well as their trade and good will in S. C. White Orpingtons to **Sydney R. Clark**, Harmony Park, Scotch Plains, N. J. It was on S. C. White Leghorns that **Dune Alpin** made probably the greatest winning of the show. They won every first, second and third on cocks, hens, cockerels and pullets and enough other prizes so that **Manager Kerr** was feeling as happy as a lark. **Mr. Kerr** reported an excellent demand for stock and sales at good prices. They are in position to furnish exhibition and breeding stock that they are willing to stand back of.

Elm Poultry Yards, F. O. Groes-

S. C. WHITE LEGHORNS

OVERLOOK POULTRY FARM, E. C. Landers, Prop., WHITNEY POINT, N. Y.
If you are looking for birds for winter shows, write to us for prices as we have an elegant lot of males and females all in the pink of condition. We have 50 utility cock birds from 3 to 5 dollars each, 200 March and April hatched cockerels from 2 to 5 dollars each. These birds are from and sired by the best stock of the famous Pine Top Poultry Farm. All Stock Guaranteed.

JORDAN'S COLUMBIAN WYANDOTTES

An exceptionally fine lot of young birds of exceptional quality at hard times prices. Write at once.
DR. H. M. JORDAN, Box W, HICKSVILLE, OHIO

STAY WHITE ORPINGTON MALES FOR SALE

We have for sale two guaranteed "Stay White" (1911 hatch) White Orpington Cocks, price \$75 and \$100. From these males we raised 50 cockerels, these cockerels have had "Stay White" sires for four generations. These birds will be sold at \$3, \$5 to \$10 each. We have 80 early hatched pullets sired by the two above cocks, we will sell these at \$5 per head. We have 100 yearling hens, many of them sired by the "Stay White" cock "Snow Drift," they go at \$3 each. Surely these birds are given away! But we must have room for our large flock of *Golden* and *Silver Campines*. Will you continue breeding yellow males when you can get blood of "Stay White" quality at prices we make? No females in Campines for sale. A lot of fine breeding cockerels will be sold. A few cocks and cockerels good for crossing on any fowl to increase egg production, these go at \$3 each.

AUG. D. ARNOLD,

Box D,

DILLSBURG, PA.



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Why?

You should buy the **QUEEN**
Because it is a tried and proven machine.
Because it makes good for everybody alike.
Because its 28 special features make it a better machine and a bigger money maker than any other.

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When you purchase a Queen you get hatching qualities above everything else. I have directed all my efforts to this one end for many years. The Queen is neat, simple, convenient, completely automatic. The greatest point of all its *certainty*. Chicks are hatched under right conditions of heat, fresh air and moisture. They come big and strong—fine, vigorous fellows that are easily raised. My book gives the proof.

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Will you investigate the Queen? Will you look into the 28 reasons for the Queen's superiority if I send them? Write for free Poultry Guide and Catalog today.

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Philadelphia, Pa.



beck, Proprietor, Hartford, Conn., won first S. C. White Leghorn pen with a grand lot of birds. They also won a large number of prizes in the Light Brahma, Langshan and other breeds that they exhibited.

Horseshoe Poultry Yards, Hicksville, L. I., N. Y., made two entries of Columbian Wyandottes and won first and second cockerels. Mr. Minch is proprietor of this farm and he is making an excellent record as a breeder of this variety.

Sunswick Poultry Farm, Rufus Delafield, Proprietor, South Plainfield, N. J., have disposed of their S. C. White Orpingtons and in the future will devote their time and energies to breeding Buff Orpingtons exclusively. They made a number of entries of this variety at the Palace Show and we noticed an exceptionally fine cockerel that was placed second. They also won second and third hen and a number of other prizes.

A. Fisher of Canastota, N. Y., entered a limited number of birds in S. C. White Leghorns and won fourth pullet with a dainty and stylish specimen. Mr. Fisher's birds show good type and color.

Honors in Silver Campine classes were largely divided between Manhattan Farms, Geo. Noeth, Proprietor, Brighton, N. Y., and Ridge Egg Farm, R. F. D. 1, West Nyack, N. Y. Manhattan Farm carried off first honors on cock, cockerel and pullet, while Ridge Egg Farm won the blue ribbon on hen and pen. Both of these farms

were also successful in winning a large number of seconds, thirds, etc.

Mr. Turner, Proprietor of Ridge Egg Farm, is known as the inventor of the dictograph, the system that has recently brought great fame to its inventor.

Manhattan Farms also had a display of Golden Campines. Their first prize pullet and a number of their other birds were beautiful indeed.

Geo. W. Terwilliger of Millwood, N. Y., won every first and second competed for in the R. C. Black Minorca cockerels. Mr. Terwilliger has exhibited at six large shows this season and states that he has "cleaned up the slate at every one."

Harold Gould of Lake Grove, N. Y., made a nice winning of R. C. Black Minorcas, winning among other prizes, first pen. Mr. Gould is a bright young man and a successful poultryman. He is ambitious and full of energy, two qualities that are required to make a success of any undertaking.

Seaman and Bogert, Rhode Island Red specialists of Port Washington, L. I., N. Y., did not exhibit owing to Mr. Seaman's official connection as president of the Palace Show. They reported the return of their exhibit from Yonkers where they won practically everything in sight. They are in splendid shape to fill orders and have an excellent flock of youngsters "the best they ever raised."

E. G. Reynolds of East Hampton, L. I., N. Y., made a grand winning on the different varieties of Bantams exhibit-

ed at the Palace. Mr. Reynolds has gone into the poultry business on a larger scale and expects to be one of the largest breeders of Long Island.

In addition to winning well in the Barred Rock classes, Manager Cundell entered four Black Langshans and won first and fourth cockerel and fourth pullet.

Tywacana Farm, Farmingdale, L. I., N. Y., A. E. Wright, Manager, were among the successful exhibitors of White Plymouth Rocks. This great poultry farm also manufactures and sells the Wright Egg Box for shipping day old chicks, eggs for hatching and a market mailing egg box for mailing eggs under the new parcels post act. Their baby chick box when ready for shipment can uphold a man's weight. Their display of these specialties at the Palace show was interesting and attractive as well. Manager Wright was in attendance.

WINNINGS OF AMERICAN POULTRY WORLD ADVERTISERS

BARRED PLYMOUTH ROCKS:—Top Notch Farms, 1, 2 cock; 3, 4, 5 hen; 3, 4 cockerel; 1, 4 pen.

WHITE PLYMOUTH ROCKS:—L. C. Bonfoey, 1, 5 cock; 3 hen; 2, 3, 4 cockerel; 1, 2 pullet; 1 pen. Tywacana Farm 3 cockerel; 2 pen.

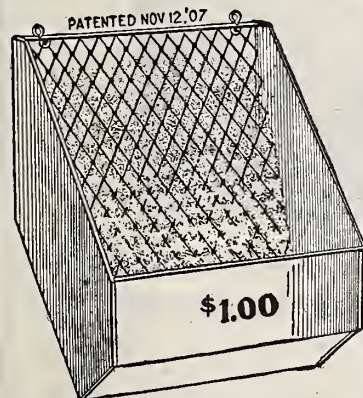
BUFF PLYMOUTH ROCKS:—James H. Vincent, 4 cock; 3 hen; 3 pullet; 3 pen.

WHITE WYANDOTTES:—Onlya Farm, 3 cock; 2, 4, 5 pullet; 1, 3 pen. J. H. Jackson, 4 hen. T. L. Little, 2nd cockerel.

BUFF WYANDOTTES:—T. S. Hewke, 1, 2 cock; 1, 2 hen; 1, 2, 5 cockerel; 1, 3, 4 pullet; 1 pen.

Don't Throw Money Away!!

You Do Just That When You Allow Fowls to Scatter and Waste Their Food by Day and Allow Rats to Carry Off the Grain in Large Quantities at Night.



Hopper Ready For Use. Holds One-half Bushel. Made of GALVANIZED IRON with Swinging Grid (Mesh).

of other sizes, see page 159 of our Complete Catalogue and Poultryman's Guide for 1913, "Profitable Poultry and Egg Production"—244 large pages, 500 instructive illustrations—mailed Free to any address, or send a postal card request for our 54-page booklet, "Poultry Foods and Feeding," the most valuable condensed treatise on this subject ever published—both books Free for the asking.

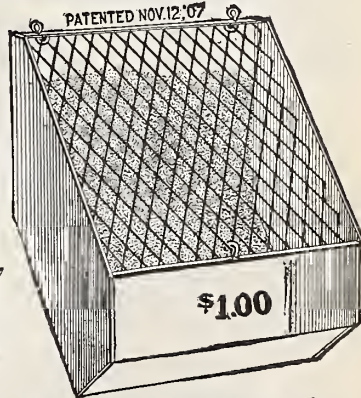
THE BOSTON FOOD HOPPER hooks against the wall or can be placed on the floor or ground. The Swinging Grid or metal guard prevents the fowls from wasting the food. The Hopper can readily be "locked" at night (or in the daytime) by simply hooking the grid to the front section at the lower end, thus making the device rat-proof.

Buy a sample Boston Hopper from the dealer of whom you get your poultry supplies or order one from our nearest place of business—see addresses below. Price of half-bushel size, \$1.00. Will last a lifetime. Write today for 54-page FREE booklet. Tells about Dry-Feeding Method. Satisfaction guaranteed or your money back.

The Boston Hopper — The Rat-Proof Hopper

THIS HOPPER is the ingenious, money-saving, Automatic food receptacle that has made the Dry Feeding Method a country-wide success. This line of Hoppers was placed on the market in the fall of 1907 and has met with a phenomenal sale throughout the United States and Canada. It is Waste-Proof in daytime and Rat-Proof at night. The saving in feed will pay for the Hopper in one to four weeks' time, depending on the number of fowls that use it.

BOSTON FOOD HOPPERS are made in four sizes—two sizes for adult fowls and two for chicks. Illustrations herewith show popular size for adult fowls. For pictures



This Hopper is Locked For the Night, by Hook in Lower End, Making it ABSOLUTELY Rat-Proof.

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COLUMBIAN WYANDOTTES:—Horse Shoe Poultry Yards, 2, 5 cockerel.

SINGLE COMB RHODE ISLAND REDS:—Dearborn & Sharpe, 1 cock; 1 cockerel. Philip E. Smith, 2 pullet.

ROSE COMB RHODE ISLAND REDS:—Jenkins & Park, 3 cock; 1, 4 cockerel. J. Alvah Scott, 1 cock; 3 pullet. Lester Tompkins, 2 cock. Louis Anderson, 5 hen. Annesley M. Anderson, 2, 4 hen; 5 pen. A. L. Bailey, 2, 3 cockerel; 5 pullet; 3 pen. J. F. Burleigh, 2 pullet; 2 pen. E. M. Dutton, 1, 4 pullet; 1 pen.

SINGLE COMB BUFF ORPINGTONS:—Dunrobin Farm, 3 cock; 1 cockerel; 3 pullet; 5 pen. Sunswick Poultry Farm, 2, 3 hen; 2 cockerel; 4, 5 pullet.

SINGLE COMB BLACK ORPINGTONS:—Wm. Cook & Sons, 1, 3 cockerel.

SINGLE COMB WHITE ORPINGTONS:—Dunrobin Farm, 3, 4 cock; 1, 4 hen; 1 cockerel; 1, 2, 3 pullet; 3 pen. Dune Alpin Poultry Farm, 1, 2 cock; 2, 3 hen; 4 cockerel; 4, 5 pullet; 1 pen. Wm. Cook & Son, 2, 3 cockerel.

LIGHT B R A H M A S:—Elm Poultry Yards, 2 cock; 1 hen.

BLACK COCHINS:—Elm Poultry Yards, 1 hen.

BLACK LANGSHANS:—Edwin G. Reynolds, 1 cock; 1 hen. Elm Poultry Yards, 2 hen; 1 pullet. Top Notch Farms, 1, 4 cockerel; 4 pullet.

SINGLE COMB BROWN LEGHORNS:—Wm. Reepmeyer, 3, 4 cockerel.

SINGLE COMB WHITE LEGHORNS:—Dune Alpin Poultry Farm, 1, 2, 3, 4, 6, 7 cock; 1, 2, 3, 4, 5, 6 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 5, 6, 7 pullet; 2, 3, 4 pen. Elm Poultry Yards, 5 cock; 6, 7 cockerel; 1 pen. A. Fisher, 4 pullet.

SINGLE COMB BUFF LEGHORNS:—Dunrobin Farm, 4 cockerel.

SINGLE COMB BLACK LEGHORNS:—Elm Poultry Yards, 2 hen.

SINGLE COMB BLACK MINORCAS:—Harold Gould, 3 cockerel.

ROSE COMB BLACK MINORCAS:—G. W. Terwilliger, 1 cock; 1, 2 hen; 1, 2 cockerel; 1, 2 pullet.

SILVER CAMPINES:—Ridge Egg Farm, 2 cock; 1 hen; 5 cockerel; 1 pen. Manhattan Farms, 1, 3 cock; 3, 5 hen; 1, 2 cockerel; 1, 2, 5 pullet; 2 pen.

GOLDEN C A M P I N E S:—Manhattan Farms, 1, 2, 3 cockerel; 1, 2, 3 pullet; 1 pen.

WHITE CRESTED BLACKS:—Carpenter & Carpenter, 4 hen.

NON-BEARDED GOLDENS:—Edwin G. Reynolds, 1 hen.

NON-BEARDED SILVERS:—Edwin G. Reynolds, 1 hen.

BLACK HAMBURGS:—Edwin G. Reynolds, 1, 2 hen.

BUFF ORPINGTONS:—Sunswick Poultry Farm, 3 old drake; 2 old duck; 2 young drake; 2 young duck; 2 pen. Dunrobin Farm, 1 old drake; 1 old duck; 1 young drake; 1 young duck; 1 pen.

GOLDEN SEBRIGHS:—Edwin G. Reynolds, 4 cock; 5 hen.

SILVER SEBRIGHS:—Edwin G. Reynolds, 1, 2, 5 cock; 1, 2, 3 hen.

WHITE COCHINS:—Edwin G. Reynolds, 1, 2, 4 cock; 1, 2 hen; 1 cockerel; 1, 2 pullet; 1, 2 pen.

BLACK COCHIN:—Edwin G. Reynolds, 3 cock; 3, 5 hen.

W. W. KULP, POTTSTOWN, PA.

We are advised by W. W. Kulp, Pottstown, Pa., that he won as follows on his Rose Comb Brown Leghorns at the recent Philadelphia, Pa., show: First cock, first and third hen, second and third cockerel. He also won first pullet and 2nd cockerel on Rose Comb White Leghorns. The blue ribbons surely predominate here and prove very conclusively that Mr. Kulp has the quality in these varieties. Readers should look up his advertisement elsewhere in this issue and ask him for prices, as this strain of birds not only win but are noted layers as well and several individual records have been made by them that places them in a class by themselves.

*** The "Chick Book" tells how to raise the greatest percentage of the chicks hatched. We send it post paid for fifty cents ***

JODREY'S SILVER WYANDOTTES

It is always a pleasure to write of J. C. Jodrey and his prize winning strain of Silver Wyandottes. Mr. Jodrey has been a leading breeder of Silver Laced Wyandottes since 1882 and the superior quality of his strain was never more clearly recognized than at the 1912 club show at Boston, where in a large class and the strongest of competition, they won the Steinmesch Challenge Cup for best cock, hen, cockerel and pullet; also the Boston Challenge cup for best Silver Wyandotte male, 52 superb birds competing. Mr. Jodrey is a great stickler for type. Some breeders claim that they can not get both type and color, but Mr. Jodrey in his challenge cup winner at Boston, 1912, exhibited a bird that had true Wyandotte type along with splendid color. He has had great success with his matings this past season and is prepared to furnish both exhibition birds for any show or breeding stock mated to produce exhibition males and

females. Silver Wyandottes have been popular and they will continue to be as there is no breed that is more interesting or more profitable. Mr. Jodrey would like to hear from everyone that wishes to take up a new breed or those who are starting in the poultry business so that he can tell them about the merits of Silver Laced Wyandottes. Address J. C. Jodrey, Danvers, Mass. G. W. T.

AUGUST D. ARNOLD'S ORPINGTONS

White Orpington bargains, look up August D. Arnold's ad, he is offering great bargains in White Orpingtons and claims his birds are full of stay white blood. As he has in the past few years been breeding Campines, he is now in need of room and will sell White Orpingtons at remarkably low prices.

*** Our poultry books cover all subjects.—Ask for a list ***

FISHER'S S. C. WHITE LEGHORNS

are the winning kind, they not only win in the show room but are blue ribbon performers at the nest. 75 Choice Cockerels at reasonable prices. Just what you need to add vim and vigor to your flock. Eggs in season.

A. FISHER,

R. F. D. 2, W.

CANASTOTA, N. Y.

NOTICE—NEW HEN NEST

With two artificial eggs, ahead of all nests, Eating, Breaking, Smearing and Dirtying eggs all over, gather eggs every two days as fresh as when laid. Less work, better market. Write for more particulars. KEYSTONE WHITE POULTRY FARM, No. 2, Box 81, LITITZ, PA.

WE GUARANTEE OUR EGGS and CHICKS

Because we KNOW how strong and vital they are; how carefully we cull and select and test on our great plant. We make no extravagant claims—we simply say, "Buy Tywacana Stock; it's sold on a Make Good Guarantee that PROTECTS!"

BABY CHICKS HATCHING EGGS BREEDING STOCK

S. C. WHITE LEGHORNS BARRED and WHITE ROCKS

Write TODAY for our big catalog. It tell how we can afford to guarantee our stock. It is full of poultry facts. Sent FREE! We use WRIGHT Boxes—that means Safe Delivery.

TYWACANA FARMS POULTRY COMPANY

A. E. Wright, Supt.,

Box 60,

FARMINGDALE, LONG ISLAND, N. Y.



Buy Chicks That Live Long and Lay Much— "Newtown" S. C. White Leghorns

They inherit the vitality and laying qualities of the parent birds, which have gained world-wide fame for producing the finest eggs in large quantities.

The "Newtown" strain of White Leghorns has been carefully, intelligently and systematically bred for years with especial attention to the development of their egg production, health, vigor and early maturity, and all combined with standard exhibition points.



"Newtown" birds are scientifically hatched in "Newtown" Giant Incubators, correctly brooded, carefully mated and produce chicks that live and lay and prove wonderfully profitable. That's the kind you want.

Order baby chicks and hatching eggs now for April and May deliveries.

Write for our finely illustrated catalog and price list U

NEWTOWN PRODUCING CO., Newtown, Pa., U. S. A.



A corner of Mr. Collins' chicken yard showing his chicks at six months of age. A corner of the piano box poultry house is also shown in the illustration.

SHORT ARTICLES OF TIMELY INTEREST

(Continued from page 181)

the hens enjoy dusting in the ashes during the day, this prevents vermin and keeps the hens healthy and there is no smell in the coop.

The coming winter I am going to keep twice as many hens. I shall use the scratch shed for additional roosts, making additional scratching room by using my two summer runs, one 5x10 and one 4x10, 2½ feet high, attached to one end of my present coop. I have covered these runs with Ruberoid and sided up the ends and one side with boards from some empty boxes all at an expense of about two dollars and fifty cents. I use these rather crude and temporary shelters as I live in a rented place and cannot build permanent.

There is money in poultry for anyone who will give them the proper attention. The work is pleasant and the exercise just what a man needs, who is closely confined in an office or store.

In addition to the above I had a good sized garden on my lot. I raised a fine lot of vegetables, including a nice lot of Swiss chard for the chickens. What I have done anyone can do and much better.

WHY ONE-THIRD OF OUR PULLETS ARE LAYING

HOW WINTER EGGS ARE SECURED AND SOME FACTS REGARDING EARLY PRODUCTION

By W. M. P. Jerrett, Mich.

The first and great essential in planning for winter eggs is to purchase stock from an early laying strain. Accordingly we bought four fine S. C. White Orpington pullets of the Jackson strain. They began laying on November 15th, 1911. We fed them a dry mash, some table scraps, wheat and corn with sprouted oats, also a little blood meal. Consequently, when March came, they were fine big hens, and not having been over forced for egg production were growing as well as laying. During March and April we hatched our supply of little chicks from which to choose our pullets for this winter. During the summer months this original pen raised several flocks of chickens. The fact that besides this, they laid two hundred fifty-six eggs before April 1st when we sold them for breeders, and have since laid three hundred forty-

four eggs, making a total of six hundred eggs for the year, proved that the Jackson strain, White Orpingtons are certainly an egg laying strain.

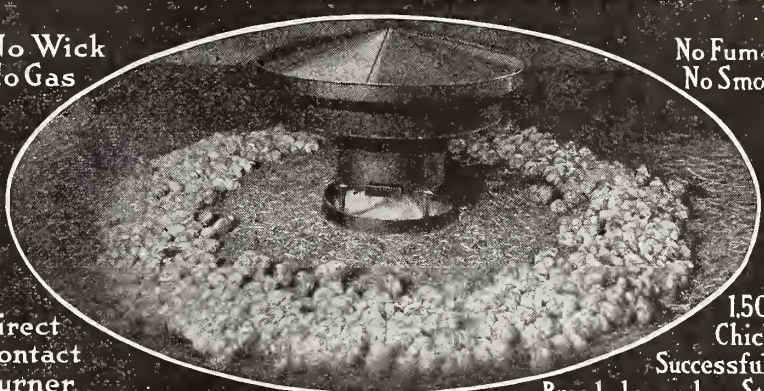
Again one must not mix the strains for best results in egg laying or breeding. Another absolute necessity for the production

of early laying pullets is careful, comfortable housing of the parent stock. Ours were warm but had plenty of fresh air.

After selling our breeders our attention was devoted wholly to the growing stock. I believe their care during the summer has had much to do with their early laying. As hawks were numerous we kept the birds while young in covered wire netting runs. We had three flocks and every night moved the three light coops with attached wire runs the width of themselves on to fresh, green grass. As we have a very large lawn the grass was green before we were ready to go to the back again.

On the floor of the coops we kept gravel, oyster shells and hoppers filled

SIMPLEX



No Wick
No Gas

No Fumes
No Smoke

Direct
Contact
Burner

1500
Chicks
Successfully
Brooded around one Stove

BROODER STOVE

Saves Nine Tenths The Work

Just $\frac{1}{10}$ the work if you use the Simplex Brooder Stove.
 $\frac{1}{4}$ the operating expense. $\frac{1}{5}$ the investment. $\frac{1}{100}$ the worry.
Nearly Doubles What You Raise
 Bring through to maturity hundreds of chicks that you would other-wise bury. Get more money and do less work.

Why break your back when you can save 90% of the work with a Simplex Brooder Stove. You are spending many laborious hours caring for a few hundred chicks in small old-style hovers and brooders. Save that energy. No more daily cleaning of small brooders. No more smothered chicks. No more dirty, smoky, unreliable lamps. No more costly, cumbersome heaters and pipes.

The Simplex Brooder Stove is simple, safe, reliable, inexpensive and best of all it increases your profits by decreasing mortality. It solves the brooding problem. You will have happy, contented, healthy chicks going to roost young and without loss or bother.

Burns cheap, low-grade kerosene in direct contact burner. Temperature automatically held at 90 degrees by wonderful regulator. Illustration shows 1100 chicks sleeping around stove with backs to heat and heads away. They instinctively get just right distance and back up to heat

when cold and move away when weather moderates. You can go to bed early and sleep all night certain that the Simplex and nature are working together to make profit for you. The Simplex is the stove that has proven so successful in California. It is the only one with a direct contact burner and is fully covered by patents.

Write today for illustrated descriptive catalogue giving full information about the Simplex Brooder Stove system of raising strong, healthy chicks with one-tenth the work and one-fourth the expense, and for our money-back guarantee.

Our catalog is free and gives the experiences of users under most severe conditions.

SIMPLEX BROODER STOVE CO. 136 Fourth Street, Grand Rapids, Michigan

with a dry mash of bran, ground oats, cornmeal and middlings. This the chicks had access to at all times. They were also supplied with plenty of clean fresh water. Their grain feed consisted of wheat, sprouted oats or cracked corn. A little rolled oats and table scraps completed the list. As they grew older and the danger from hawks decreased they were given free range over our large lawn. Very handsome they looked on the green under the maple trees and many exclamations of wonder and admiration were elicited from the passers-by.

This fall we have disposed of all our surplus stock of cockerels for breeding purposes, shipping over half out of the state. So now we have our choice pullets left. Fine, large birds they are, and for pullets are of usual weight. They have good eyes and combs; short white shanks, are excellent in color, and of good Orpington type. A number are very choice and of these our number one pen will be composed. We have shown them but once, when we won in hot competition both a first and second prize.

The birds are very quiet and docile responding readily to gentle treatment. On the 15th of September we gathered our first egg and that pullet, number five, has been laying ever since. Desiring to have large, strong birds, usually well developed before laying, we moved them to new quarters, letting them have the run of the garden and oat field. In about three weeks we moved them again, thus holding them back from laying and giving them time to put on flesh and muscle. My! how they did grow! About two weeks ago we transferred them to their winter quarters which is a warm house with fresh air and deep litter. In a few days they began to sing and now in the last week of November they are strong and healthy and one-third of them are already laying, and judging from the happy singing of the whole flock as they stroll out into the sunshine, they are planning to make egg laying their business all winter.

In conclusion will say any one desiring to have an early laying flock should purchase stock from an early laying strain and thereby begin well, and then hatch well and feed well, that your fowls will grow well, be well, and last but not least lay well all winter.

WILL WE USE AUTOMATIC FEEDERS?

ADVANTAGE OF THE AUTOMATIC FEEDER.
NOT ONLY SAVES TIME AND LABOR
BUT REDUCES COST OF FEEDING

By H. E. Barnes, Columbus, Ohio

This question has been revolving in the minds of thousands of poultry keepers ever since the inception of this modern invention. Will it pay to invest the amount required to purchase these machines? This question comes to every reader of the advertisements of this latest equipment for automatically feeding poultry. Or will we continue in the old beaten path with all its labor and waste? My purpose of writing this short article, is to help those who have been seriously thinking of equipping their pens with

automatic feeders, to decide this question. In most instances the purchase price is the first point considered of an equipment of this kind; although this may not be the most important feature, it makes a strong appeal to the average poultry keeper.

This is a busy, hustling age and poultrymen are making every effort within their means to keep pace with the great advancement being made along all lines of industry, yet with the many details in keeping poultry that must not be neglected, we are debarred from giving as much time and attention to other important subjects as we would like; and it has been through the aid of inventive genius that we have found relief. We have found that the use of automatic feeders has reduced the labor of attending our flocks more than one-half and that we get as good or better results than was secured by the old method.

To make this as plain as possible, let us take for example a man having six pens of poultry to feed. We find from actual experience that it requires about ten minutes morning and evening for each pen to supply the grain and mash feed; this depending to some extent upon the proximity of the pens, requiring one hour and forty minutes per day to feed the six pens; or fifty hours per month. If we charge the normal wage of fifteen cents per hour for this work, we have the sum of \$7.50 per month for feed-

ing the six pens. Now let us suppose these six pens are equipped with an automatic feeder and exerciser and an automatic dry mash feeder for each pen. These feeders will hold enough feed to supply the flocks for one week and will save thirteen trips per week, or fifty four trips per month. It will require a little more time to fill the hoppers on this one round, say fifteen minutes for each pen and your work of feeding is completed for the week; making a saving in time of forty-eight hours and thirty minutes per month; equal to \$7.27 in favor of hopper feeding.

With an equipment of this kind, we not only save this time and labor, but it makes it possible to save every particle of feed; not a kernel is wasted by the chickens, and the rats and birds leave the place for the want of feed. This saving of feed alone makes it a safe proposition to invest in automatic feeders. This is not all, it puts it in rather an independent position in regard to the labor problem; makes it possible to feed a balanced ration with the minimum amount of labor, and gives every bird in the flock a chance to do her best without injury in any particular. I have used automatic feeders almost exclusively for the past six years and have never been able to trace any bad effects from their use, and it would seem almost a sin of omission should I fail to recommend them to my fellow poultrymen.

CAMPINES Let me tell you about my Campines whose eggs won 1st prize at Allentown over Anconas, Andalusians, R. I. Reds, Houdans, Langshans, etc., competing; also won the *sweepstake* at Frederick.

DR. B. PRUDHOMME,

THURMONT, MD.

GENUINE RUNNER DUCKS

U. R. Fisher's White, English Walton. The best is always the cheapest in the end. We have the kind you want. Prices reasonable.
CLEARVIEW RUNNER FARM, Route 1 E. BLOOMFIELD, N. Y.

"O. K." POULTRY LITTER

The Very Best Thing in all the World for BROODERS

Because, in the first place, it will not burn, and it's a better litter material than cut clover, alfalfa, straw or anything else ever used. Then, it absorbs all moisture, keeping the Brooder sweet, clean and sanitary all the time. Next, it dries up the droppings so that one lot of "O. K." Litter will easily last a brood of chicks from six to eight weeks without one single cleaning out. Just think of the time saved. And then again, lice and vermin do not like "O. K." Litter and do not care to stay where it is used.

**Send us Your Address To-day and by Return Mail
We Will Send You A Sample and Full Particulars**

Corning, Cook and all other well known breeders are using "O. K." Litter exclusively in their laying houses because it gives them greater satisfaction than anything else, it is cheaper even than straw, tremendous labor saver because you need clean out the house once only every three or four months, and after it is cleaned out it makes a valuable fertilizer.

**TELL US HOW MANY BIRDS YOU HAVE AND WE WILL TELL
YOU HOW MUCH "O. K." LITTER YOU NEED**

Write today for free sample and printed matter.

THE O. K. COMPANY

160 Pearl St.,

Dept. 154,

New York City



POULTRY WORLD AFFAIRS

Sixty thousand live turkeys and twenty thousand dressed ones were received in New York City in one day the latter part of November.

White Houdans, the latest addition to the long list of new varieties of poultry, were exhibited at the "Palace Show", New York, December 3-7, 1912.

The *New York Produce News* states that the daily press has greatly exaggerated the egg situation and that they are guilty of printing many malicious articles regarding the storage egg situation.

Among the cities where two poultry shows will be held during the season of 1912-13 are New York City, Rochester, N. Y., Bethlehem, Pittsburgh, Pa., Dayton, Cleveland, Ohio, Indianapolis, Ind., and Atlanta, Ga.

A short course in poultry husbandry will be given at the Maryland Agricultural College, College Park, Md., from January 20-25, 1912. An interesting program has been outlined and much work will be crowded into this short space of time.

Thos. Lockwood a poultryman of wide experience and one who has successfully managed several large plants, has engaged his services to J. Courtney Punderford, owner of the Monmouth Poultry Farm, Freneau, N. J. Mr. Lockwood will be superintendent of this well known farm.

February 11-15, 1912, will be known as special poultry week at Michigan Agricultural College, East Lansing, Michigan. The regular College poultry show will be held at this time as will also the fourth annual show and the second annual poultry institute. No entry fees are charged and ribbons will be awarded.

At the meeting of the California Branch of the American Poultry Association held in connection with the Oakland Poultry Show, L. C. Byce was re-elected president. Other officers elected were W. H. Bissel, first vice-president; Robert Venn, second vice-president; Wm. H. Humphrey, treasurer, and H. W. Kruckinburg, secretary.

Jas. B. N. Fitch, one of the most famous Bantam breeders in the east, who pulled up stakes several years ago and went to Baker, Oregon, has removed to Phoenix, Arizona, as the climate was too cold in Baker. Mr. Fitch writes under date of December 13th from Phoenix: "It is fine down here. They are picking oranges instead of throwing snowballs."

Miss Julia Tilford, daughter of a well known New York merchant, has

acquired the poultry farm formerly operated by the Lakewood Farms Co., Lakewood, N. J. It is her intention to make this one of the most noted plants in the country. Several varieties of poultry will be bred and the plant will be known in the future as the Laurelton Farms Incorporated.

The recent poultry exhibition held at South Bend, Ind., is stated to be one of the largest exhibitions of the kind ever held in the State of Indiana. The officers of the association labored hard to make this their banner show and their efforts were well rewarded. The large list of specials including both cash and many handsome silver cups proved to be a great factor in bringing out large entries and the high quality made competition in all classes keen.

At a meeting of the New York State Fair Commission, held at Syracuse, N. Y., December 11, the only new building to be erected on the Fair grounds on 1912 will be a poultry building, which is to cost \$100,000 and be the most complete as well as the finest structure of its kind in the world. Plans are now being drawn by experts and building operations will begin early in the spring so that the building will be ready for the next annual fair in September. This will be good news to

the poultry fanciers of the Empire State and of all other states. The happiest man in the "Salt City" when the decision was made to erect the new poultry building was Waldo E. Gilbert, superintendent of the poultry department, one of the most popular and efficient officials that ever managed a big poultry show.

Sidney Dobson, treasurer of the Westchester Fanciers' Club, died at his home in Yonkers, N. Y., December 15th of pneumonia, which he contracted while acting as superintendent of poultry at the Yonkers show, held November 20-23. Mr. Dobson was one of the most popular members and efficient officers of the club and his untimely death is a severe shock to not only the members of the latter, but to many exhibitors and poultry fanciers who knew and respected him.

The report of the election commissioner of the Illinois State Branch, A. P. A., shows the following officers elected for the ensuing year: President, D. E. Hale; 1st vice-president, Frank Heck; 2nd vice-president, F. C. Hare; 3rd vice-president, W. A. Peterson; secretary-treasurer, Thoe. S. McCoy. Executive Board: William Osburn, J. C. Johnston, O. L. King. Finance Committee: O. L. McCord, Fred J. Phillips, J. M. Rapp. The next annual meeting will be held in Chicago, the second week in December, 1912.

* * * Ask for a list and prices of our popular Poultry Publications * * *

Ward's Rose Comb Reds

Make clean sweep at Olean, N. Y., winning special for best pen in the show, special for best pullet in the show, 1st and 2nd cockerel, 1st and 2nd pullet and 1st pen. Only five entries. Eggs for hatching.

JESSE WARD.

CHAFFEE, N. Y.

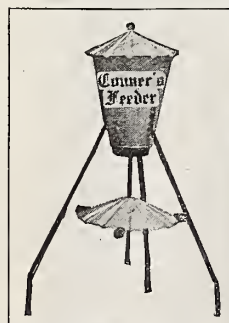
WHITE WYANDOTTES GALA STRAIN BRED-TO-LAY

Are you the manner of man or woman who is looking forward to having Stock from a Strain of Bred-To-Lay White Wyandottes that are winners? Stock bred for egg production that are of such standard quality that they won 1st Pen, 2nd Pen, 4th Pen, and 5th Pen at Chicago, Dec. 1912? 1st Cock, 3rd Cock, 1st Cockerel, 3rd Cockerel, 4th Cockerel, 3rd Pullet, 2nd Pen, 4th Pen at Indianapolis show January 1912?

THE OPPORTUNITY IS KNOCKING AT YOUR DOOR—LET'S GET ACQUAINTED. All these winning Pens are in our yards. A setting of eggs will start you.

GALA POULTRY PLANT,

BENTON HARBOR, MICH



The original Feeder and Exerciser, improved, 2 size, 6 and 12 quarts, Price \$1.50 and \$2 the best and cheapest on the market today. The only fountain that stands on legs out of the dirt. 2 sizes, 4 and 8 quarts, price 65 and 90 cents. Dry Mash Feeder, 4 sizes, 4, 6, 8 and 10 quarts, price 60, 75, 90 cents and \$1.00. Orders will be filled in their turn as received. Address
W. M. CONNER,

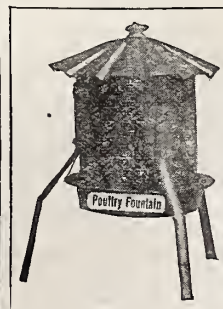


\$3.00

Special Sale \$3.00

To make my Oat Sprouter better known, I will ship one roohen size, F. O. B. Jersey City, for \$3.00 or the 200 hen size for \$4.00.

See reduction in price of other articles.



254 Jersey Ave.,

JERSEY CITY, N. J.



A beautiful S. C. White Leghorn hen of the Ondawa Farm type. Lewis T. McLean, Shushan, N. Y., has not only developed a strain that possesses fine standard qualities but has succeeded in combining utility qualities as well and Ondawa Farm Leghorns are becoming favorably known as prolific egg producers that have the quality required to win high honors in the show room.

THE CHICAGO SHOW

By William C. Denny

(Continued from page 198)

led all other pens in the number of eggs produced on December first.

U. R. Fishel, of Hope, Ind., America's best known breeder of White Plymouth Rocks, spent a day at the show. Mr. Fishel reports a steady increase in the demand for White Plymouth Rocks which he believes to be the best general purpose fowl in existence.

We were pleased to see Chas. McClave of New London, Ohio, veteran judge and breeder. Mr. McClave looked in the best of health and appeared to be thoroughly enjoying himself during the show.

H. W. Halbach of Waterford, Wis., did not make his customary display of White Plymouth Rocks because of death in his family. He was present during the show and was frequently seen in the White Rock aisle looking over the winners.

Bird Bros., of Meyersdale, Pa., breeders of Partridge Plymouth Rocks and Giant Bronze Turkeys, spent a few days at the show, renewing their numerous acquaintances and meeting their customers. They reported a splendid demand for both of their varieties.

J. C. Fishel and Chas. I. Fishel, of the firm of J. C. Fishel & Son, White Wyandotte Specialists of Hope, Ind., were interested visitors at the show. Mr. Fishel has been breeding this variety for a quarter of a century and has built up a large and profitable business in the sale of stock and eggs. A new farm has been recently purchased to provide greater facilities to enable them to take care of their rapidly growing business. They have just published a new catalogue that should be in the hands of every person interested in White Wyandottes. It

describes Fishels' methods of breeding and growing stock and can be obtained for 25 cents in coin or stamps.

KANSAS CITY SHOW

The Great Kansas City, Missouri, Show will be held January 13th to 18th, 1913, in Convention Hall, one of the largest and best lighted halls in the country. Contract for uniform coops has been placed. Judges of national reputation have been engaged.

Kansas City is the second largest railroad center, besides being in the greatest poultry raising section in the United States. We propose to make this the greatest sweepstake show ever for fanciers in the North, South, East and West.

We want all fanciers to send to Secretary F. E. Southard, 1307 Main street, Kansas City, Missouri, for premium lists, which will be ready December 18th, 1912. Kansas City International Poultry Ass'n., F. E. Southard, Secretary.

AN OLD FAVORITE

Among the scramble for new breeds that good old fowl, the Brahma, has almost been lost sight of, but there are still a few breeders who pin their faith to them, and they have not been found wanting. The Brahmas have many good points and among those who are ever ready to defend them is F. M. Prescott, Riverdale, N. J. Mr. Prescott becomes an annual advertiser with this issue of A. P. W. and he would like to hear from all those interested in this grand old breed. He has a fine flock of both varieties and will be pleased to quote prices on either stock or eggs.

THE HOOSIER FANCIERS' ASS'N.

The Hoosier Fanciers' Association, Anderson, Indiana, will hold their fifth annual show February 11th to 15th, 1913. N. M. McCullough, secretary. Twenty silver cups, liberal cash prizes that will be paid and good judges.

ENGLISH ORPINGTONS

BLACK, WHITE, BUFF, Rose and Single Comb, Males \$5 to \$10; females \$3 to \$5.

John A. Hageman Co., 12-6 Box W, Charlotte, Mich.

MINEOLA STRAIN

Buff Wyandottes

L. D. HOWELL,

MINEOLA, N. Y.

Smith Sealed. Prices postpaid ~12.30c; 25.50c; 60, \$1.00; 100 \$1.50; 500, \$6.50; 1000, \$12.50.	LEG BANDS Write postal or order now. Satisfaction guaranteed. Address THE R. EYES-DAVIS CO., Inc., Dept. 545 Battle Creek, Michigan	Leader Adjustable. Prices postpaid. 12.15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1000, \$5.25.
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HALF PRICE

After May 10th, all eggs from trapnested, heavy-laying White Wyandottes will be \$3.00 per setting, two settings for \$5.00, \$10.00 per one hundred.

J. C. DINSMORE & CO., Props.

Hillcrest Poultry Yards,

Kramer, Ind.

Don't Feed Green Food

Do away with all the bother, the time and labor of feeding your chickens green sprouted oats, cabbage, beets, roots and all other green food.

Succulent a Tablets

Save One-Half the Cost

Greatest discovery ever made in the poultry industry. Simply dissolve a tablet in drinking water and forget about green foods. Fowls drink it with relish.

We guarantee satisfactory results or refund money.

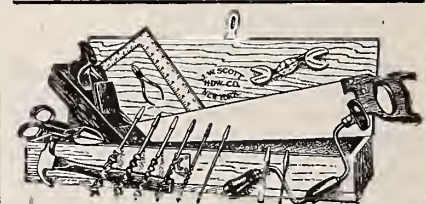
By Parcels Post Only 100 large tablets \$.50

Direct to You 250 large tablets 1.00

1000 large tablets 3.00

Remit by money order, cash or check; no stamps accepted. Try them at once, and solve the green food problem forever.

THE SUCCULENTA CO., Box 4050 Newark, N. J.



Here's a Gift for Father and the Boys

One that is both appropriate and useful. A present that will afford constant satisfaction for years. A real man's gift.

THE HANDY WORKING KIT No. 16

There is nothing a man or a boy likes better than a kit of real tools—high quality, true edge, dependable tools that will enable him to do a good job when he wants to.

The tools in Kit No. 16 have been carefully selected for the needs of the handy man about the house, or the young amateur carpenter. Every tool is warranted highest quality. The following tools are contained in Kit No. 16:

24-inch Cross Cut Hand Saw	Screw Driver for Brace
8-inch Sweep Brace Bit	Alligator Thread Cutting Wrench
1 pound Adz Eye Claw Hammer	12-inch by 8-inch Polished Steel Square
2 1/2-inch cut Tinner's Shears	16-inch by 2 inch Cntter Jack Plane
No 4 Gimlet Bit	
5-inch Side Cutting Pliers	
1-in., 3/4-in., 3/8-in., 1/2-in., 3/16-in. and 1/32-in. Anger Bits	

Tools packed in neat wood case with hinges, hasps and screws. When put together, makes a handy tool box.

PRICE, COMPLETE F. O. B. \$4.85

NEW YORK CITY. A Remarkable value in High-Grade Tools. Order a Kit Today.

J. W. Scott Hardware Co., 37-W Warren St., New York City

POULTRY SHOW DATES

BRITISH COLUMBIA

VICTORIA—Jan. 21-25, 1913; Provincial Exhibition, J. R. Terry, Sec.

CALIFORNIA

LIVERMORE—Jan. 29-Feb. 2, 1913; E. W. D'Ombain, Sec.

CANADA

MONTREAL, Que.—Feb. 11-14, 1913; P. E. Aird, Sec.

COLORADO

DENVER—Jan. 20-25, 1913; W. C. Schuman, Sec.

IDAHO

MOSCOW—Jan. 21-25, 1913; Pren Moore, Sec.

ILLINOIS

AURORA—Jan. 21-25, 1913; A. E. Frenier, Sec.

HAVANA—Jan. 27-31, 1913; C. S. Lathbury, Sec.

CHICAGO—Jan. 29-Feb. 1, 1913; Washington Heights, W. J. Zuttermesiter, Sec.

INDIANA

LA PORTE—Jan. 20-25, 1913; Herbert J. Link, Sec.

FRANKLIN—Jan. 20-25, 1913; Arch Byers, Sec.

MUNCIE—Jan. 27-Feb. 1, 1913; W. H. Nation, Sec.

INDIANAPOLIS—Feb. 3-7, 1913; C. R. Milhous, Sec.

IOWA

BURLINGTON—Feb. 4-8, 1913; Newton M. Derby, Sec.

MAINE

PORTLAND—Jan. 21-25, 1913; A. L. Merrill, Sec.

MARYLAND

LONACONING—Jan. 21-25, 1913; D. S. Edwards, Sec.

MICHIGAN

CALUMET—Jan. 23-26, 1913; C. L. Bashore, Sec.

FLINT—Feb. 3-8, 1913; Neil A. Dewar, Sec.

BLISSFIELD—Feb. 4-8, 1913; Fred H. Wilbur, Sec.

MINNESOTA

LYLE—Jan. 21-24, 1913; Wm. Norland, Sec.

DULUTH—FEB. 3-8, 1913; F. P. Hallock, Sec.

MONTANA

HELENA—Jan. 28-Feb. 3, 1913; J. L. Dorsch, Sec.

NEBRASKA

GRAND ISLAND—Jan. 20-25, 1913; A. H. Smith, Sec.

NEVADA

RENO—Jan. 23-25, 1913; L. D'A. Prince, Sec.

NEW YORK

WATERTOWN—Jan. 21-23, 1913; C. O. McCarty, Sec.

OHIO

PIQUA—Jan. 20-25, 1913; Sherman S. Shyler, Sec.

PEMBERVILLE—Jan. 21-24, 1913; Henry Wichman, Sec.

CHILLICOTHE—Jan. 21-25, 1913; Chas. D. Kern, Sec.

CLEVELAND—Jan. 21-25, 1913; J. T. Conkey, Sec.

ALLIANCE—Jan. 28-31, 1913; Chas. W. Pettis, Sec.

WOODVILLE—Jan. 28-Feb. 1, 1913; W. H. Burns, Sec.

ZANESVILLE—Jan. 29-Feb. 1, 1913; F. C. Chester, Sec.

PENNSYLVANIA

ALTOONA—Jan. 20-23, 1913; M. S. Wertzberger, Sec.

GREENSBURG—Jan. 20-25, 1913; R. M. Zundel, Sec.

SAEGERTOWN—Jan. 28-31, 1913; Loyd Aspey, Sec.

BUTLER—Jan. 28-Feb. 1, 1913; David H. Rankin, Sec.

CANNONSBURG—Feb. 3-8, 1913; W. J. Gowern, Jr., Sec.

PITTSBURGH—Feb. 17-22, 1913; G. C. Sutch, Sec.

SOUTH CAROLINA

CAMDEN—Jan. 28-31, 1913; S. C. Poultry Assn., T. L. Little, Sec.

VERMONT

HARDWICK—Jan. 21-23, 1913; Guy A. Herrick, Sec.

WASHINGTON

WALLA WALLA—Jan. 16-21, 1913; R. C. McCracken, Sec.

WISCONSIN

GREEN BAY—Jan. 30-Feb. 3, 1913; E. Van Ermen, Sec.

THE FANCIERS' ASSOCIATION OF INDIANA

The thirteenth annual show of the Fanciers' Association of Indiana will be held in Indianapolis, February 3rd to 7th, 1913. Big silver cups from \$25 to \$100, good cash prizes, elegant special prizes, sweepstake badges. Free Empire coops, special superintendents and the best judges in the country are some of the features of this show. Specialty Club meetings with their special ribbons and cups will also make this show more interesting to you. We have the best transportation facilities of any show city in the United States. For

further information regarding the best show in the country write to the secretary, C. R. Milhous, Indianapolis, Indiana.

CLEARVIEW RUNNERS FARM

Attention is called to the advertising of the Clearview Runner Farm, E. Bloomfield, N. Y., who become annual advertisers with the January issue of AMERICAN POULTRY WORLD. This farm devotes their entire attention to the production of high class Indian Runner Ducks, and that they are succeeding in producing birds of superior quality is testified by their winnings at the recent Geneva, N. Y., show, where on eleven entries they won seven 1st, two 2nd, two 3rds, and nine specials in strong competition. Readers who are interested in this variety and desire to secure stock and eggs should look up their advertising and then write them for quotations.

* * * Our clubbing combinations on another page should interest you * * *

CORNING EGG FARM

BOUNDBROOK, N. Y.
Will mail to anyone who raises chickens, an illustrated booklet about the Most Successful Egg Farm in the country. Write for it.

SINGLE COMB WHITE LEGHORNS EXCLUSIVELY

D. W. YOUNG'S STRAIN

A few more choice Cocks, Cockerels and Breeding Pens for sale. Circular Free.

EDGAR BRIGGS,

Box 31.

PLEASANT VALLEY, N. Y.



WHITE LEGHORN DAY OLD CHICKS

From carefully selected, pure strain, heavy laying stock. For ten years we have bred up our S. C. White Leghorns, until today they are unsurpassed for purity, vigor and fertility. You run no risk when you buy chicks from us, they are hatched properly, and shipped to arrive in perfect condition.

We also sell White Leghorn Breeders. Our cockerels range in price from \$3 to \$5 each. We are Expert Custom Hatchers. Let us figure on your hatches. Write to-day for our Money-Saving Catalogue—it tells how and where to get the best White Leghorn Stock.

MICHIGAN POULTRY FARM,

LANSING, MICH.

Raise Strong Active Chicks Grow Green Food in Winter



Chickens raised with the International Sanitary Hover grow big and strong. They are not crowded, for the International has no corners, and is warmer at the curtains than at the center. Perfect ventilation prevents smothering. The lamp of the

International SANITARY HOVER

can be lifted out by person standing. Used anywhere at a moment's notice. No platform or other carpenter work necessary. Fireproof and sanitary.

Also Grows Green Food

In eight days the International Hover will transform 12 quarts of oats into enough green food to feed 500 laying hens three days. This means eggs a plenty in winter, for green food is an egg-producing necessity.

Endorsed by Kellerstrass, Owen Farms, Wm. Cook & Sons, Rufus Delafield, Rose Farm and Monmouth Poultry Farms.

Send for Catalogue. Agents Wanted.

INTERNATIONAL POULTRY SALES CO., Box 611, Brown's Mills, N. J.

WELLINGTON REDS

WELLINGTON RED FARM, E. W. Phillips, Prop., Box W, WELLINGTON, OHIO

ROSE AND SINGLE COMBS. Have started the show season of 1912-13, watch for their winnings. Last season they won 16 firsts, 19 seconds. Grand Cash Prize for Best Display of Parti-Colored Birds; Cash Special for Best Pullet in American Class; Silver Cup for Best Display of Rose Comb Reds; Cash Special for Largest Display of R. I. Reds, besides many smaller prizes. A grand flock of Cockerels and Pullets now ready to win the ribbons for you. Yearling breeding hens at cut rate prices.

AMERICAN POULTRY WORLD COMPARISON CARD

BY J. H. DREVENSTEDT

[EDITOR'S NOTE:—In November, 1909, American Poultry World, we illustrated a judge's and reporter's comparison rate card, which we, as well as other judges and reporters, have found to be a most convenient form for reference in making awards or commenting on same. For the benefit of new readers of American Poultry World we reproduce this card on this page together with the following explanation of its application in the show room.]

For the convenience of judges, reporters and exhibitors who wish to keep a record of the winning and near winners, we recommend the use of the AMERICAN POULTRY WORLD Comparison Card, illustrated on this page. It is a fairly accurate monitor for future reference as well as a simple means of assisting the judge in selecting the winners in a hot class and fortify him with the reasons for making the awards.

Some years ago we used a similar

card and found it an efficient aid in arriving at the merits of the competing specimens. Other judges found it equally serviceable. It is not absolutely necessary at very large shows where there are unusually numerous entries in each class of some popular breed or variety to take down the numbers of all competing specimens. There are usually many in a class that can be eliminated from competition on the first round of inspection, the remaining good ones can then be considered by the AMERICAN POULTRY WORLD Comparison Rate Card System in much less time and a more satisfactory manner.

The sample card we have filled out explains the method. But judges or reporters need not necessarily follow our system or markings; they can substitute their own if they find it more convenient and more valuable as a reminder of what they did to the "poor little bird." In looking over the card please do not imagine that the birds rated have any actual existence or that the show reported was actually held at Buffalo. It is simply an illustration of how to apply the system. In looking over the awards we find No. 30 rates as having 12 x's and No. 23 has the same number. Both are equally good in shape and color but the comb of No. 23 lacks two serrations whereas No. 30 has a five point comb, which makes it a trifle better all around specimen even if it loses a little in size to 23. No. 24 is third because it loses in shape to other two. As noted in "remarks," No. 25 is a fine bird in every respect and equal to first and second, but loses in having broken feathers in wing and tail. Wherever there

AMERICAN POULTRY WORLD JUDGES AND REPORTERS COMPARISON RATE CARD						SHOW Buffalo, N.Y. DATE Jan. 7, 1909
Variety <i>Barred Plymouth Rock</i> Sex <i>Cock</i>						
AWARD	COOP No.	SHAPE	COLOR	COMB CREST WATTLE LOBES	SIZE CONDITION WEIGHT	REMARKS
2	23	XXX	XXX	XX	XXXX	Comb lacks two serrations
3	24	XX	XXX	XXX	XXXX	Lacks fullness in breast. Puffed tail.
4	25	XXX	XXX	XXX	X	Broken feathers in wing and tail.
	26	X	XXX	XXX	O	Small in size. Underdeveloped.
	27	XXX	O	XX	O	White in lobes. Scaly legs.
	28	O	O	—	—	Crooked back. Color of legs nearly white.
	29	O	—	—	—	Wry tail.
1	30	XXX	XXX	XXX	XXX	Lacks a little in size only.
6	31	XX	XXX	XXX	XX	Too large in size and heavy in body.
	32	X	XXX	XXX	XXXX	Dark Rock type; too much like Wyandotte in shape.
5	33	XXX	XX	X	XXXX	Too dark in color; comb heavy & not well serrated.
	34	—	O	—	—	Too light in color and barring; not a show specimen.
	35	—	—	O	—	Badly twisted comb.
7	36	XXX	X	XXX	XXXX	White in sickle feathers and undercolor.
	37	XX	XXX	XXXX	X	Lacks weight. Green spots on shanks & toes.

INSTRUCTIONS FOR MARKING:

IN SPECIMENS WORTHY OF AN AWARD:

FOR A PERFECT SECTION MARK XXXX

FOR AN EXCELLENT SECTION MARK XXX

FOR A GOOD SECTION MARK XX

FOR A FAIR SECTION MARK X

IN ALL SPECIMENS UNWORTHY OF AN AWARD THE DEFICIENT SECTIONS SHOULD BE MARKED "O" MEANING "OUT" AND REASON STATED UNDER "REMARKS"

SIGNED *John Doe* JUDGE

is a tie in the rating the rules laid down by the American Standard of Perfection should govern the breaking of the tie. The "Cuts" are marked

Let Me Save You \$5 On the Finest Incubator Made



My price speaks for itself. Let me send it to you. Right here I want to tell you a few facts about quality so you will want to read all the facts in my book. Nineteen years ago I made my first incubator. Since then I have improved it every year. Thousands of my machines are making money for owners—they were always years ahead of all others. But this year I have made my masterpiece—my 1913 Triumph.

It's the greatest piece of artificial hatching machinery ever sent out of a factory. It is more simple, more sure, stronger and more dependable than any you ever thought an incubator could be. You will be glad my incubator is so good. It simplifies chicken hatching—makes it easy to make money.

After 19 Years Experience I Have Perfected My

TRIUMPH

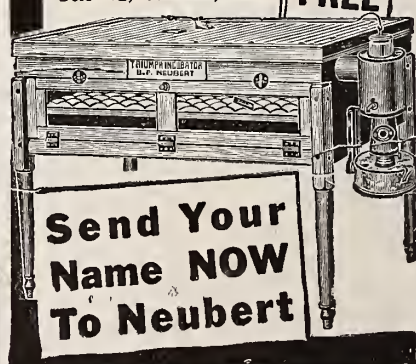
The case is made of Redwood, lined with Bass wood, dead air space between and lined again with genuine asbestos and two layers of special 3-ply building felt. Heating system is a combination of Hot Water and Hot Air—pure copper water tank and galvanized air tube. Double acting self-regulator, self-ventilator, famous sun-lunge burner and lamp, high nursery, strong trays, accurate thermometer. Comes all complete, set up, ready to run and my factory-to-you prices save you at least \$5.00.

Write Me Now

Send me your name on a postal for my new book. It tells all the facts—explains every point of advantage about my Triumph. Reading my book is interesting and profitable if you want to make the best money raising chickens.

R. F. NEUBERT
Box 762, Mankato, Minn.

Neubert's
1913 BOOK
FREE



Send Your Name NOW To Neubert

BABY CHICKS

M.F. & H.

200 EGG STRAINS

M.F. & H.

EGGS AND STOCK

Midlothian Strains are the best laying strains of S.C. White and Buff Orpingtons, White and Barred Rocks, Single and Rose Comb, Rhode Island Reds, White Wyandottes and S.C. White Leghorns. Our stock is TRAP-NESTED and BRED EXCLUSIVELY FOR EGG PRODUCTION. We have in our pens MANY CHAMPIONS from the Missouri Egg-Laying Contest, including "LADY SHOWYOU," with a record of 281 eggs. Prices: Eggs, 10c, 20c, and 30c. Baby Chicks, 20c, 30c, and 50c. Stock, \$2.00 to \$5.00. Write for 48-page catalog describing "BRED TO LAY" and MOST SUCCESSFUL poultry plant in this country. WE TRAP-NEST 800 HENS AND PULLETS ANNUALLY. HOME OF THE INTER-OCEAN MIDLOTHIAN FARM EGG-LAYING CONTEST.

MIDLOTHIAN FARM & HATCHERY TINLEY PARK ILL.

"O", a less objectionable way of marking a disqualified specimen.

In applying this method of judging fowls you not only keep in mind the ideal Standard requirements you have formed in your mind, but are also in a position to get at relative value of competing specimens in a more thorough manner. You may find a beauty of a cockerel in shape at the beginning of the class and mark him XXX, believing him to be about the "best ever," but when you get along further and catch sight of another likely fellow you are forced to admit that he is a contender and mark him XXX also. A few steps further you find the "dream of the class," a wonder in style and shape, and it seems the other two, good as they looked to you a few minutes ago, fade away in comparison with the crackerjack you are looking at. You can XXXX the latter or cut the other two down to XX and mark the "best yet" XXX.

The ideals of the mind are subject to change when confronted by living ideals in the flesh. You may think you have found the ideal as it exists in your mind in a specimen, but there may be just one bird a little bit better when you get to him. And that is where your careful rating on the card will prove a great help. It will frequently prevent a judge from getting confused in placing the awards in a hot class. The system is not perfect, no system of judging is, but it will work in a satisfactory manner if carefully and conscientiously followed or applied.

One of the judges who used this system at all shows when he officiated was the late D. A. Nichols. Shortly before Judge Nichols' untimely death he sent his comparison rate card book to us and in it we find the winning specimens all carefully rated by the X or XX or XXX or XXXX marks, with notes in the remark columns. To the judge or reporter who made these notations, it brings back to mind most vividly, the specimens he awarded the ribbons to even long after the show was held.

PROCESS OF ELIMINATION AN AID TO RAPID AND ACCU- RATE JUDGING

Where coop numbers are printed on pasteboard cards, judges can mark their "X's" or "XX's" as well as "O's" on the latter to aid them in the final round up of the specimens. But the process of elimination is the first requisite in rapid and accurate judging. Discard the many inferior ones and judge the few good ones is a safe rule to follow. The haphazard no record is the hesitate and lost method. When a judge is ready to begin the weeding out process let him secure a good helper, if possible; one who knows how to handle specimens, without breaking the feathers or exciting the birds and who should give a first-class imitation of a deaf mute when he is assisting the judge. A talkative helper is often a serious handicap to a judge. If there is any talking to be done let the judge do it. The mind must be concentrated on the work in hand and not become distracted by small talk. Some judges can award

prizes and talk at the same time, others cannot and the latter are in the majority.

As exhibitors have no business in the aisles when the judging is in progress, so judges need not give any thought to remarks made by some showmen, who love to be near the judge in order to assist him with a few hints on what's what in certain specimens.

If the cock numbers begin at No. 1, start work there and keep right on through the class, examining each bird carefully for color markings, marking his rating on the coop numbers or in the book. If a bird is disqualified mark it "Dis" and state the reason in the "remarks" column or on the card. When the judge gets through with his first examination for color and head points, he will find precious little XXXX birds, but the few when compared for shape, size and headpoints will not present such a very difficult task as the mind is now concentrated on but a few specimens with only the shape and headpoints to decide which one gets the blue ribbon.

PARTRIDGE WYANDOTTES AND PARTRIDGE ROCKS

IDEAL POULTRY YARDS, SHILLINGTON, PA. A grand lot of young and year old birds for sale. Bred from our constant winners. Look up our records. Specials won wherever shown. If you wish to improve your stock, get the best in the world, bred by Ideal Poultry Yards.

ROSE COMB RHODE ISLAND REDS

From the best blood lines in the World. We can deliver the goods.
WHITE BROTHERS, Box C, SUNBURY, OHIO

Mr. Jones, Cugley and Mullen's standby, says that Whiting's

ROUPENE Is a SURE CURE for Roup

He knows, for he cured 17 bad cases for a friend after all other remedies failed. Sick birds can be treated without isolation. Read what Geo. W. Tracey says about it in October issue of A. P. W. 50 cents a bottle postpaid. Money back if not satisfied. Write for testimonials. Address

W. M. Whiting Co., 17 Ashland Ave., East Orange, N. J.

If the first feed of Baby Chicks is bread moistened with Whiting's White Diarrhoea Remedy, it will act as a sure preventative and cure of that disease.

S. C. BLACK ROYAL ORPINGTONS S. C. WHITE



We are the leading breeders of Black and White Orpingtons in the south, our birds have type, color, stamina and vigor, and are the kind that will add improvement to any flock.

Our winnings of 19 firsts and 6 seconds in three weeks at three shows in strong competition is proof of quality. Our first pen of Black Orpingtons was the sensation of the Memphis show just closed.

"Quality not Quantity" is our motto. Our Mr. Lembke spent an entire year in the yards of leading English and American breeders, securing only the best for our foundation stock.

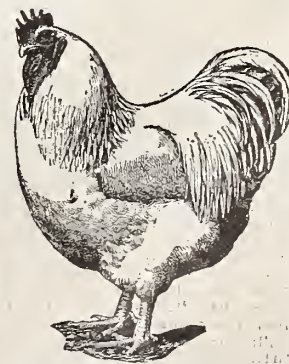
We have hundreds of choice cockerels and pullets of either variety of the same quality as our winners. We are prepared to supply your needs. Write us your wants. Our farm is open to inspection at any time, make us a call.

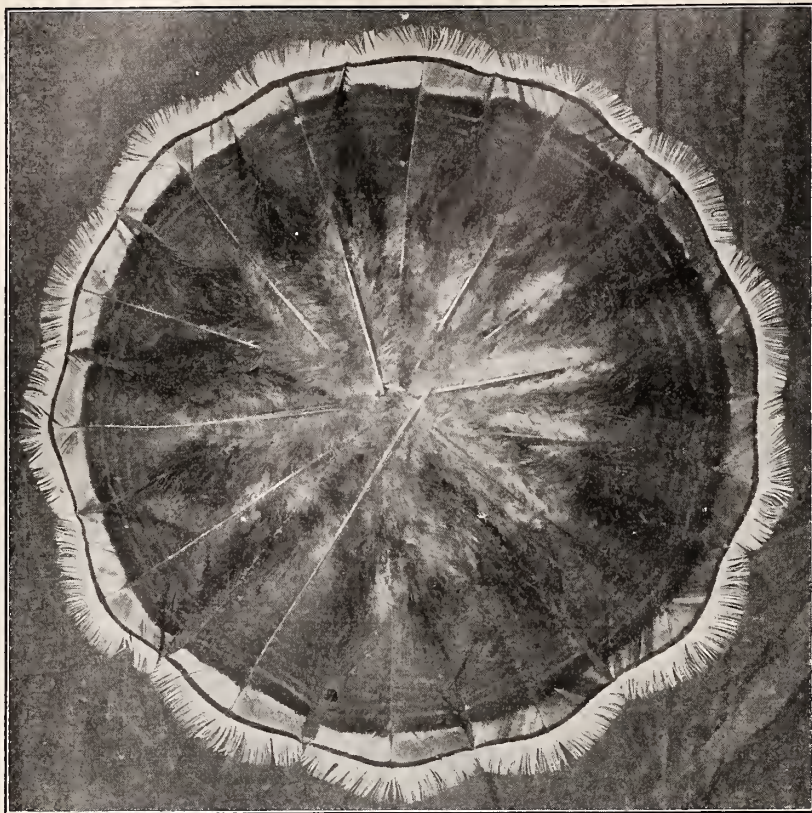
Royal Stock is what you need. It always satisfies.

ROYAL POULTRY FARM,

Box W,

DICKSON, TENN.





The above half-tone illustration is reproduced from an unretouched photograph of ideal feathers selected from the tail coverts of a famous Madison Square Garden blue ribbon winner, a Bronze Turkey tom, bred, owned and exhibited by Bird Bros., Meyersdale, Pa. The Bronze Turkeys bred by this firm are raised on a very large farm under the most favorable environment and climatic conditions, and the remarkable winning records made at America's leading shows by Bird Bros. prove conclusively that no better strain of Bronze Turkeys exists in this country. They are offering special bargains in exhibition and breeding stock, which should be taken advantage of by breeders of turkeys who wish to improve their flocks.

Of course, there are exceptions to this state of affairs, especially at some of the club shows where perhaps six or more crackerjack specimens are found in a class. But once the color points have been disposed of, the final shaping up of the specimens with the judging stick for size and type and a close comparison of the headpoints, the winner will loom up impressively, as a rule.

WHAT FARMING NOW OFFERS AS A VOCATION

Much has been written about the tendency of the young man in the past to leave the farm and seek his fortune in the crowded centers of population, and the more crowded avocations of these centers.

Whether this has been responsible or not, the fact must be admitted that the tide of public opinion regarding the preference of metropolitan life has changed, and the drift now is rather from the city to the country, with "back-to-the-soil" nailed to the masthead, as the slogan of those who find in the new order of things a more independent, healthful and happy life—a change which many look upon as coming out of a state of mere existence into the fullness and ideality of rational living.

Whatever may be said in favor of the exciting pleasures and attractions and nerve-straining demands of city residence, it is being increasingly admitted that for a given amount of energy invested by the individual, rural life pays by far the biggest dividends.

There are several reasons why this is so. The freedom of the outdoor life revitalizes and gives abundant energy. And the increase of energy, coupled with exuberance of spirits, most bountifully equips one for the prosecution

of his labors, and makes him doubly ambitious for large undertakings.

Then if he takes up farming as a serious business-like calling he has, in these modern times, every aid to economical labor-saving production, of which he can make capital for profitable earnings. One of his chief assets in cultivation, if he is shrewd enough to take advantage of it, is the helpfulness of Planet Jr. farm and garden implements.

Indeed it would surprise the most expectant user, if he would keep account, of the total saving in time and labor and money in a single season that it is possible for these up-to-date tools to effect.

In the market garden a Planet Jr. handtool, combining seeder, wheel-hoe, cultivator and plow in one, makes the usual drudging work seem like mere play, so easily and quickly are you enabled to cover the ground with it.

And in the extensive corn-fields the Planet Jr. cultivators, which work two rows at a single passage, make the work equally light and pleasurable and profitable.

Or in the smaller field of corn, cotton, potatoes or similar crops the Planet Jr. one-horse hoe and cultivator does so many kinds of work that it becomes a general utility implement.

A new illustrated catalogue recently issued by S. L. Allen & Co., Box 1202 J, Philadelphia, which they send on request to those interested, describes minutely the implements to use for scientific cultivation, and tells the particular tools adapted to the different kinds of crops.

This labor-saving method of cultivation, together with the many other attractions offered by Dame Nature, make the "call of the land" louder than ever to him who would really live life to its full.

HUMPHREYZE

The new way to make hens lay. "The Golden Egg" tells all, free. A Humphrey Bone Cutter on free trial. HUMPHREY Bait St. Factory, Joliet, Ill.

Gigantic Tomato SEEDS FREE

Here is the king of all Tomatoes, largest and most productive, fruit often weighing 3 to 5 lbs., each, and 100 to 150 lbs have been grown on one plant, very smooth, few seeds, solid all through, ripens early, being a handsome red color. A few plants will produce more Tomatoes than any family can use.

OUR SPECIAL OFFER

We want every person who uses seeds to see our 1913 Seed Book and try this Gigantic Tomato and we will send a sample packet for trial, with Seed Book Free. This book is full of new Vegetables, Fruits and Flowers.

Send your address plainly written on Postal today. Fairview Seed Farms, Lock Box 122, Syracuse, N. Y.

FREE BOOK FOR YOU



Great Crops of Strawberries

and How to Grow Them

IS a beautifully illustrated book of expert strawberry information written by America's most successful strawberry grower. It gives our famous sure-crop method of growing fancy strawberries, and explains how our Pedigree Plants are grown on our great farms in Idaho, Oregon and Michigan. IT IS FREE!

R. M. Kellogg Co., Box 375

THREE RIVERS, MICH.

20 Pkts. Northern Grown Seeds 10c

OLDS' SEEDS are planted every fall gardeners. To advertise our seeds we
LETTUCE..... Good all the year round.
CABBAGE..... Best early variety.
CARROT..... The general favorite.
BEET..... Olds' best first early.
ONION..... The best Red Wethersfield.
PARSNIP..... The smoothest and best.
WATERMELON..... The leading melon.
PARSLEY..... Just right for seasoning.
MUSKMELON..... Gold-flesh Rocky Ford.
CUCUMBER..... Olds' Ex. Ey. White Spine
OLDS' CATALOGUE, an 88-page Potatoes, Field and Garden Seeds. Easiest



L. L. OLDS SEED CO.

year by thousands of the most successful will mail the 20 packets named below for 10c.
PUMPKIN..... The best for ples.
RADISH..... Early, tender and crisp.
SPINACH..... Olds' Long Season.
TOMATO..... Olds' best extra early.
TURNIP..... A favorite table variety.
COSMOS..... Olds' largest flowering.
DIANTHUS..... Best double pinks.
NIGONETTE..... Best and finest strain.
POPPY..... Splendid double mixed.
ZINNIA..... Olds' Superb Double Mixed.
 book, tells the truth. Best varieties catalogue to order from. Mailed FREE.

Madison, Wis. Drawer 36

PRACTICAL SUGGESTIONS

BY JOE COLEMAN

Boiled oats fed warm make a nice change in feed and are a good egg getter.

Dampness in the hen house is a serious proposition at this time of the year especially, and is one of the surest means of promoting disease.

Potatoes are cheap this year in nearly all parts of the country and small potatoes ought to be procured quite reasonable and make an excellent addition to the mash.

Never use wood ashes as a dust bath as they are strongly alkali and will irritate the skin and bleach the shanks. Road dust is preferable for a dust bath, but sifted coal ashes answer the purpose very well.

Now is the time to buy your breeding birds for next season. Better value can be had now than later because the breeder has more to select from and will not have the additional expense of feeding until later.

Glycerine has a tendency when applied to the combs and wattles to keep them from freezing. In extreme weather a valuable bird should be treated in this manner a couple of times a week if there is any chance of its getting froze.

Don't be in too big a hurry to return a bird if it does not suit you to a T. Perhaps the bird has come a long way and tired out, cannot show to best advantage until rested. Feed, water and a roomy coop will oftentimes bring a bird right out and just a day's time will make a wonderful improvement.

Water in winter is just as important as during the hottest weather, and some poultrymen are not as liable to look after the water supply for the flock as carefully during the winter as in summer. Water is the cheapest thing that can be given a fowl, and besides helping to maintain health, assists materially in egg production, an egg being composed largely of water.

Grooming a bird for the show room is of vital importance if one expects to win, and what is the use of showing if you don't? Coop the birds in exhibition coops at least two weeks before a show and handle them often, pose them and train them to strike a proper attitude. A bird can be quickly tamed by allowing it to become hungry and then feeding with tempting feed in the way of small pieces of meat and table scraps.

Not long ago we were driving in a machine owned by a gentleman in the poultry supply business. Back of us a man could be heard yelling, and thinking it was meant for us, the machine was stopped. He came up

and said, "Say, that incubator you sold me leaks like thunder. I put in two buckets of water and it run right through." The incubator he had purchased was a well known hot air machine and he had poured the water down the ventilator opening.

The smell of roup is very readily detected and as a precaution it is well to pass through the houses after the birds have gone to roost and if any individual fowl is contracting this disease it can quickly be determined and it will then be best to give the entire flock preventative treatment.

This winter more than ever are eggs a most important factor and the skyward prices to be had should be an impetus for the poultryman to double his efforts for a reasonable egg yield during the high price months. Just

common sense methods and a lot of feed together with comfortable quarters will turn the trick provided the pullets get started to laying before extreme cold weather sets in. Animal and green feed must not be neglected.

Boost your chosen breed by identifying yourself with the specialty club representing it. The breeds that have the largest and most influential clubs back of them are invariably the most popular. With some few clubs there is an apparent lack of interest and it might be well for some insurgents to insurge and start a new club. Then dollars to doughnuts, the old club would awaken and a certain rivalry would exist which could only work out one way and that would be to give the breed more publicity.

* * * Leading magazines in attractive Clubbing Combinations at reduced prices. Consult our Clubbing Catalogue. A postal will bring a copy * * *

OCULUM is a sure cure for sick fowls
—a free trial—ad page 257.

EVERETT'S SINGLE COMB REDS

"Color Strain" Champions of Central New York. Have some fine cockerels bred from same pen that produced our State Fair winners for sale—are show birds. Address

C. W. EVERETT,

WAVERLY, N. Y.

CONNECTICUT ROSE FARM



S. C. B. LEGHORNS

The kind that win and pay as they go and to more thoroughly advertise my stock I will sell, while they last, Utility Cockerels at \$3.00 apiece, two for \$5.00. They are strong, vigorous fellows and easily worth double the money. Satisfaction guaranteed.

WM. P. SAFFORD,

R. F. D. No. 1,

PERRY, N. Y.

KERLIN EVERGOLD BUFF PLYMOUTH ROCKS

For Sale 300 of the finest we ever raised from our Pittsburg, Philadelphia and Allentown Winners. Choice Breeders ready to ship at \$1.50 and up. Show stock shipped on approval.

KERLIN FARM,

Route 2,

POTTSTOWN, PA.

PARTRIDGE ROCKS

Breeding and Exhibition Stock for sale. Write

W. O. LYLE,

R. F. D. No. 1,

GNADENHUTTEN, OHIO

— BUY GOOD PRINTING—IT PAYS —

How often do you see printing that is better than yours. Poor printing is expensive at any price. People seeing only your advertising put your goods on a par with the advertising, so get in line and use good printing matter, I make a specialty of printing for the poultryman, who is particular what he gets. Send for prices and catalogue and let me convince you that I can please you.

J. A. SWARTZ, The Poultryman's Printer,

CHICAGO JUNCTION, OHIO

Get in Touch with the British Fancy

BY READING AND ADVERTISING IN

"THE FEATHERED WORLD"

England's leading poultry weekly; specimen copy free, on receipt of a postcard (2 cent stamp) from Dept. P. S., 9 Arundel St., Strand, London, England. Annual subscription 2 dollars 75 cents. From the same address, for 40 cents in paper cover and 66 cents in cloth cover you can obtain

THE FEATHERED WORLD YEAR BOOK, 1912

A veritable encyclopedia on poultry and pigeons; 704 pages with four colored plates and about 150 photographs of the great prize winning birds of the past show season. The 1913 edition ready about January 15 next. The price will be the same.

PROMINENT POULTRYMEN AND THEIR PLANTS

A BRIEF DESCRIPTION OF THE STOCK AND PLANTS OF A FEW OF THE PROMINENT EASTERN BREEDERS. ALL INDICATIONS POINT TO A PROSPEROUS SEASON, AND BREEDERS VISITED ARE WELL PREPARED TO HANDLE ORDERS IN A SATISFACTORY MANNER

BY GEORGE W. TRACEY

In the various poultry journals in which are to be found D. W. Young's advertisements, you will read these words, "You must have my strain to win." This is a broad assertion, the truth of which was strongly exemplified by the winning of a certain big New England breeder at a New England show that I lately attended.

At this show the S. C. White Leghorn classes were among the biggest and the hottest in the show. The superior type and color of one of the blue ribbon males so strongly appealed to me that I asked the gentleman in charge of the bird, Where did you get that bird? It was a pretty blunt question to ask, but in no way affronted. He replied, "I got him from Dan Young." I left this show and in the course of my travels I called on a gentleman who had made a fine record with his strain of S. C. White Leghorns. Again inquisitive, I asked this gentleman how he built up such a fine exhibition and utility strain of Leghorns that could both lay the eggs and win the blue ribbons. He replied that they were bred from stock hatched from eggs purchased from Mr. Young. At another big fall show, probably the most important fall show of the nation, a prominent official of that show walked up to Mr. Young and asked the question, "How do you like the first prize S. C. White Leghorn cockerel, Mr. Young?" "One of the best I ever handled," replied Mr. Young. The official in question then went on to tell Mr. Young and the bystanders (one of which was your humble scribe) that this great cockerel was raised from stock hatched from eggs that Mr. Young sold him. I could go on citing instance after instance where the winning birds in the S. C. White Leghorn classes were either bought direct from Mr. Young or else they were hatched from eggs purchased from his yards, or they were bred from stock purchased from Mr. Young. Hence Mr. Young's statement, "You must have my strain to win," is a truism in the strictest sense of the word.

Of late years Mr. Young has exhibited only at Madison Square Garden, and during the last 13 years he has won more prizes than all his competitors put together.

I will briefly give my readers a few pointers on why Mr. Young has been able to create such a great strain of Leghorns, a strain that has the characteristics of type, color and temperament so strongly fixed that no matter in whose hands they fall, either amateur or professional breeder, they breed true to color and type, transmitting their wonderful qualities for generation after generation. When Mr. Young first took up the breeding of the S. C. White Leghorns, he aimed to create a type of fowl that would surpass in elegance, symmetry and beauty any variety or breed of domestic fowl known to the fancy at that time. He was convinced that it required a method of breeding, known only to the breeders of the most famous blooded cattle in the world—the celebrated Jerseys, Isle of Jersey. To those Islands Mr. Young made a

pilgrimage and there he staid until he mastered the science of line breeding as has been practiced for generations by the breeders of the world's most celebrated herds of dairy cows. This system has been practiced by Mr. Young and this great system of line breeding is responsible for the supremacy enjoyed by D. W. Young and his world's famous strain of S. C. White Leghorns. The above I learned from Mr. Young at the time of a recent visit to his home at Monroe, N. Y. I had a most interesting visit with him at that time, and I only

wish I could give the visit the word description it deserves, but I will leave something for another day.

Mr. Young has model poultry houses, the interior of every one of which were veritable poultry parlors, even the floor seemed to shine with cleanliness and neatness. Mr. Young claims his method of feeding has a whole lot to do with the snowy whiteness of his strain. Perhaps it has, if it has, experts on other colored breeds should take a hint and do likewise. I spent considerable time looking over the birds and especially the Madison Square Garden winners

'The Wright White Orpingtons'

A few high grade, early hatched Utility Cockerels \$2 each.
Fancy Early Cockerels \$5 to \$10. TRY ONE.
Valentine Ranch, R. F. D. No. 1, New Brighton, Minn.
D. H. Wright, Owner. O. C. Thompson, Supt.

BLACK MINORCAS

Special sale of 200 grand breeders at

Bargain Prices. Send Now for sale sheet.
HAROLD W. GOULD, LAKE GROVE, N. Y.
Member American Black Minorca Club.

S. C. REDS

J. H. CROSSLEY,

Box 177,

MAGNOLIA, N. J.

FAIR HAVEN POULTRY FARM PRIZE MATING WHITE ORPINGTONS

PRIZE WINNERS FARM BRED WINTER LAYERS
We are now booking orders for stock and eggs. Order early. Write for prices and mating list.
W. J. WEAVER, "White Orpington Specialist,"
R. F. D. No. 9, Hillsboro Road, NASHVILLE, TENNESSEE

WILLETS' QUALITY S. C. REDS

Again made a big winning at New York State Fair. At the biggest and best Red show ever held at Syra. use. Choice quality exhibition bird's now ready for shipment.
All stock farm range raised. Send to the "Quality" man.

W. M. WILLETS,

SHERBURNE, N. Y.



Laying Instinct Bred in the Bone

Ferris Improved White Leghorns
Will Lay Two Dozen Eggs a Year
More than Any Other Fowl
Because They Have Been



Bred-To-Lay For Twelve Years

Twelve years ago we became dissatisfied with the best White Leghorns we could find. They lacked stamina, strength, vigor. No successful effort had ever been made to breed them up to quality.

Our first thought after securing the best stock we could buy was to increase the size and vigor of the birds to give a foundation that would permit greatly increased egg production and yet win anywhere in the strongest competition.

It has taken us years of patient effort. During that time not a poor layer has been allowed in our breeding pens and as our experience increased we were able to select our best layers with more certainty and mate them with greater skill. Every year has seen an increase in our average egg yield, until now it is easy to get an average of more than 175 eggs a year from a flock of Ferris Leghorns with proper care.

We go farther than it has ever been considered possible to go in satisfying customers. We see that the birds you buy remain in good condition until they become accustomed to change of climate and to different methods of feeding and caring for them. You can't buy birds elsewhere and exchange them any time within 30 days if they become sick or don't breed properly, or are unsatisfactory for any reason whatever. No one else will replace without question every bird that dies within thirty days.

Winners for Any Show

We have been winning for six years at the largest shows—Louisville, St. Louis, Toledo, Detroit, Pittsburgh, Grand Rapids, and the Michigan, Indiana, Iowa and Tennessee State Fairs—and can furnish winners for any show no matter how strong the competition.

Tell me what you want to exhibit and let me quote you prices. We have 5,000 fowls raised this year from 20 exhibition matings and the birds in these matings were all the same type as the cockerel and pullet shown in this ad, having the style and typical shape of Ferris White Leghorns, with good combs, and low, well-spread tails, pure white plumage and rich yellow legs and beaks, and bred to lay. Prices are very reasonable. We have choice foundation and exhibition stock at \$7.50, \$10, \$15, \$20 and \$25 for males and \$4, \$5, \$7.50, \$10 and \$12.50 for pullets and yearling hens.

Eggs and Day-Old Chicks

We are now booking orders for eggs and day-old chicks for spring delivery. We have never been in better shape to fill orders of any size. Thousands of fine hens in our utility matings and our 25 exhibition matings of remarkable quality will make it possible for us to ship promptly and quote prices that are very reasonable. All infertile eggs replaced free; safe arrival of chicks guaranteed any distance.

New Catalog This Month

Our new catalog of over 60 pages is the finest catalog ever issued by any Leghorn breeder and is sent absolutely free of charge.

Tells all about the methods that have made Ferris Improved White Leghorns so profitable and describes every grade of stock we have to sell. Fully describes our bred-to-lay matings and our exhibition matings and gives prices of eggs and chicks. Send a post card now while you have the matter in mind and get the copy we have reserved for you. Address

George B. Ferris The Ferris Leghorn Farm 908 Union Ave., Grand Rapids, Mich.

of several years back as well as the young prospects of the forthcoming 1912-13 Madison Square Garden show, the result of which Mr. Young has no fear. He extends a general invitation to all S. C. White Leghorn breeders from near and far to show he desires no hollow victory.

ONLYA FARM

I recently spent a very profitable day at Onlya Farm. A good part of my visit was devoted to the breeding and mating of exhibition White Wyandottes, the variety bred upon Onlya Farm. When Onlya Farm first made their debut in the show room, I remember of hearing remarks passed to the effect that "There's another rich man who by purchasing some good birds cuts quite a figure in the show room, but they will soon get tired of that sort of winning." The critics were right when they intimated that Onlya Farm would not care to show if they had to buy their blue ribbon winners. Philip Kearney, Proprietor of Onlya Farm, is too much of a real fancier and sportsman to take any pleasure from winning a ribbon with other than birds of his own breeding, but he does not have to lose any sleep. Onlya Farm is amply able to defend itself against all comers in the White Wyandotte alley and they do it with birds of their own breeding and raising.

The Onlya Farm birds first attracted my attention at the Great Hagerstown Fair in 1910, and I can well remember the sensation they made at that great show. I have watched them steadily carrying off the ribbons at such shows as New York State Fair, Grand Central Palace, Boston and Madison Square Garden, besides reading of their big winnings at the premier shows of the south, and it is no exaggeration to state that their winnings at these shows have been wonderful, when you take into consideration the fact that with but one or two exceptions a different string is shown at each show.

This has always been the policy of Chas. Staaff, the efficient and popular manager of Onlya Farm. Mr. Staaff is one of the most skillful of our breeders of the modern exhibition White Wyandotte and is one of the most astute as well. Mr. Staaff believes showing and advertising your winnings is the only way to let the poultry public know that you have the real goods, but to show a bird more than once is always sure to work irreparable injury to his or her breeding qualities. This Mr. Staaff very wisely does not do, in fact he does not have to as the Onlya Farm strain breeds so true that each year they raise a large number of fancy show birds, and beginning at the New York State Fair and winding up at Boston, they are able to put in each show a formidable string of fresh birds and they never failed to win a blue ribbon wherever they exhibited last season.

Onlya Farm made a big start this season at Allentown, where in a wonderful class they won first pen, first cockerel and numerous other prizes, 1st cockerel winning the A. P. A. medal for best cockerel in the English and American classes. Onlya Farm is now located at Florham Park, New Jersey and it will repay any fancier or lover of fine poultry to pay them a visit. The breeding houses are built strictly on the fresh air principle. In each pen is a house, into which the birds can go in to lay or sleep during the fall, winter and early spring months. They are then taken out and are used as colony

houses for the growing birds. A most excellent arrangement. I found the old birds in splendid condition and I found a great crop of young birds, by far the best I ever saw on Onlya Farms, and a very noticeable feature was the appearance of a sealed leg band on almost every chicken, young and old on the place. Onlya Farm only sells birds of their own breeding and they guarantee every bird that they send out to have been bred and raised on their farm. They will have twenty mated pens next season and their egg customers can rest assured that they can secure eggs from one or all of them, no reservations. They will also sell day old chicks from every mating, and considering the quality of the breeding pens and the well known reputation of the Onlya

Farm strain of White Wyandottes, the prices charged for chicks from their best matings are very low. All intending purchasers of either show or breeding stock, eggs or day old chicks should correspond with Onlya Farm, Florham Park, N. J.

HIGHWORTH POULTRY YARD

The name Highworth Poultry Yards is rightly applied if it is calculated as an indication of the quality of the White Rocks, S. C. White Orpingtons that are produced upon this noted Canadian farm. At the last two New York States Fairs my attention has been particularly attracted to the exhibit of Fred H. Andrewes, the proprietor of these yards, and I wish to say that their combined winnings during the past two years at these

SINGLE COMB RHODE ISLAND REDS

Winners of State Cup, Cup for the best cockerel in show and Grand Sweepstakes Cup for best bird in whole show all breeds and varieties competing. At the Big Philadelphia Show just held, President Hicks, Judge, our winnings—1 cockerel, 1 hen, 2-3 pullet, 1st pen. 1st cockerels winning all specials. 200 fine birds for sale. Address

SCHENLEY HEIGHTS POULTRY YARDS,

1202 Commonwealth Bldg., PITTSBURGH, PA.



TRADE MARK

ESSEX-MODEL

INCUBATORS-OF-QUALITY

Robert Essex Incubator Company

New 1913 Free Poultry Book and Catalogue

Is Now Ready For You

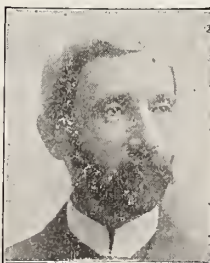
THIS NEW BOOK is named "MAKING THE MOST FROM POULTRY." It is written personally by **ROBERT ESSEX** who in several chapters tells of things he has learned during his *Quarter Century With Poultry*, such as—*How to Start Right—How to Make Money with Standard-breds and Show-birds—How to Get More Profit from Farm Hens, etc.* He has collected in this book 27 different styles of Poultry Houses in use at Experiment Stations all over the country—Illustrations of houses suited for winter and summer in every climate. He tells what they cost to build, and how they are liked. This book contains information that *cannot be bought*, yet it is free to you for the asking. The advice it contains is invaluable. You can always rely upon Mr. Essex's advice. *He tells only what he knows* personally. It has always been his aim to give poultry-keepers more than they expect to get, and this catalogue is good evidence of his custom. In it of course he describes and illustrates our manufactures:

America's Largest Line of Incubators and Brooders

Your Choice of 19 Styles and Sizes—\$2.25 to \$48

This Free Book tells the most surprising tale of how the customers of Robert Essex Incubator Company have written a multitude of unasked-for letters telling of their satisfaction with Essex-Model Incubators and Brooders in competition with other makes. You should surely get this book before you buy an incubator or brooder. It tells what is required in incubators and brooders to make them good hatchers and chick mothers. This company has agents in every state. Probably there is one near you who has these High Quality Machines in his store. Get his address by writing us.

Please remember that our customers are our friends, and remain so. Once you become a customer of "Bob" Essex you stay right with him. It is to his interest that you should succeed. Everyday he is working earnestly in behalf of Poultry-Keepers.



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Write today for this
Valuable Book

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13 Henry St., Buffalo, N. Y.
67 Barclay St., New York City

We have agents in every state who have our machines in their stores. Write for address of agent near you.



This
Book FREE

great fairs was a compliment to their quality. They have also won at Madison Square Garden and the Toronto Exposition, Ottawa, Berlin, Hamilton, London and Guelph, Canada. At the latter place in 1911, Mr. Andrewes was awarded in White Rocks, first hen, first and third pullet, second cock, fifth, seventh and eighth cockerel and silver cup for the best cock, hen and pullet and challenge shield for best cock and hen, also for cockerel and pullet, special for best colored hen and pullet and also for best display.

Highworth Poultry Yards are located in London, Can., and Mr. Andrewes advises the writer that as he had so many customers in the United States that he had decided to pay duty on all future shipments made to this country. Readers who are interested in White Rocks and S. C. White Orpingtons should communicate with the Highworth Poultry Yards and give Mr. Andrewes an opportunity to prove that his yards are rightly named.

ALDRICH POULTRY FARM

The Aldrich Poultry Farm, of 4076 N. High St., Columbus, Ohio, have purchased the entire flocks of S. C. White Orpingtons owned by Sunswick Poultry Farm, S. Plainfield, N. J., and Mr. E. B. Rogers, Cincinnati, Ohio, together with their good will. Among these birds are the famous Champion Madison and Lady of the Snows, and the winners at Madison Square Garden, Allentown, Augusta, Baltimore, Hagerstown, and Indianapolis as well as many of the winners at Chicago during the last two years. These birds added to their already large number of winners at last year's shows, in addition to those from Allentown, Atlanta and Augusta this season, now makes the Aldrich Poultry Farm easily the Quality White Orpington Farm of the world. Their motto is "Quality above all else" and their customers' winnings in all the large shows so far this season plainly shows this.

The Sunswick Farm have decided to breed only the one color Buff Orpington, as they realize only the highest quality can be bred by specializing in one variety. Mr. Rogers' poultry business was increasing so rapidly he found if he continued the business he would have to devote his entire personal attention to it and he could not afford to give up his large manufacturing interests, so decided to dispose of his flock of White Orpingtons to the farm which was prepared to devote all the personal attention of its three members which in addition to the help of one of England's greatest poultrymen as superintendent, now places the Aldrich Farm at the top in White Orpingtons. The same degree of satisfaction is assured to all the former customers of Sunswick Farm and Mr. Rogers and at prices even lower than ever before, which the increased facilities of the Aldrich Farm now permit with their flock of over 2,000 high quality birds.

If in need of the best quality of White Orpingtons, stock or eggs, send for their handsome new Catalogue with color plates, and which is the finest Orpington catalogue ever published. It is free to those who mention this journal.

W. E. LOVE, JR.'S BARRED ROCKS

No one was better pleased with his winnings than W. E. Love, Jr., of Memphis, Tenn., breeder of Barred Rocks. This young man, who is still in high school, has been in the poultry business for four years during which time he has built up a profitable business in the sale of Barred Rock stock and eggs for hatching. We shall have more to say of his success at a future time. The birds displayed by Mr. Love at the Tri-State Fair had excellent shape and size and good color. His winnings included 1st cock, 1st hen, 2nd, 3rd and 4th cockerel, 4th and 5th pullet, 1st, 2nd, 3rd and 4th pen. He has some surplus stock to sell at reasonable prices.

HILLCREST FARM'S YOUNGSTERS

S. D. Parson, manager of Hillcrest Farm, Box 86, North Gorham, Me., informs us that he has a choice lot of youngsters for sale. These were bred from Mr. Parsons' winners at leading New England shows. At the Salem Fair, his entries won 1st and 2nd cockerel, 1st pullet. At the Gorham, Me., Fair, on two entries won 1st and 2nd. At the big Brockton fair, on two entries, won 2nd cockerel and 1st pullet. Intending purchasers should write and get Mr. Parsons' description and prices.

SUNNYSIDE PEDIGREE STOCK PAYS DOUBLE

If you want poultry to pay and to win, get some of our pullets or yearlings. All trap nested stock. We also have grand cockerels and cock birds from noted layers, laying over 200 eggs per year. Life is too short to breed common stock. We have started hundreds right, may we not you? Write wants for booklet.

White, Buff and Barred Rocks; R. I. Reds; White, Buff and Brown Leghorns; Orpingtons; Wyandottes and Cochins.

D. & F. REDS

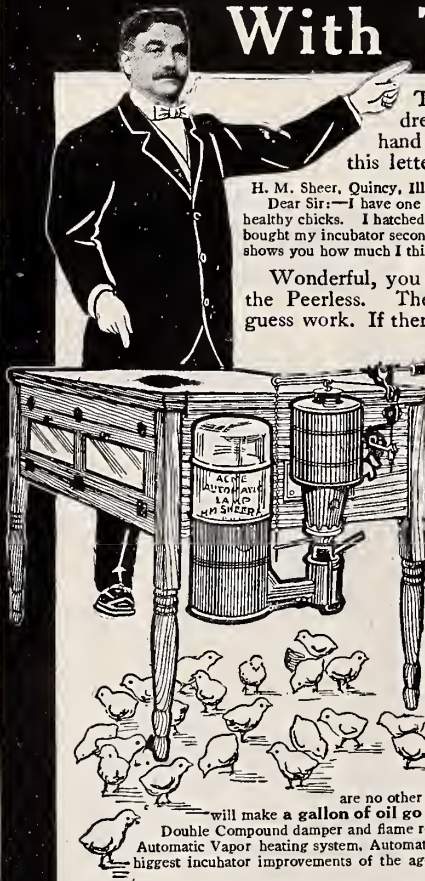
Win at New York State Fair, September 9th to 14th, 1912, \$25.00 for best exhibit Rhode Island Reds, winning 3 firsts, 3 seconds, 1 third, 3 fourths and 3 fifths. We sell guaranteed winners.

ROCK CREEK FARM,

Route 2,

GENESE, N. Y.

2200 Chicks from 2400 Eggs With The Peerless



Think of it—92 healthy chicks from every hundred eggs. And mind you, this from a second hand Peerless Incubator. Here's the proof—read this letter:—

H. M. Sheer, Quincy, Ill.

Tacoma, Wash., Sept. 28, 1912.

Dear Sir:—I have one of your Peerless Incubators and have hatched quite a number of healthy chicks. I hatched about 2200 out of 2400 eggs. I guess that's going some. I bought my incubator second-hand and wouldn't take twice the price for it now. That just shows you how much I think of my Peerless Incubator. Yours truly, A. GROSHELL.

Wonderful, you say. So do I. But not one bit unusual for the Peerless. There's no taking chances with a Peerless—no guess work. If there's a chicken in the egg, a Peerless will hatch it.

This Is Why Peerless Incubators Are the Best on Earth

Peerless Incubators are made with my famous Acme automatic fixtures. For over twenty years the most successful men in the poultry business have used Acme fixtures. The very latest and best that my skill and experience can produce is all yours in a Peerless Incubator.

The Peerless Automatic Vapor Heating System.
The Peerless Automatic Moisture System.
The Peerless Automatic Ventilating System.
The Perfected Acme Automatic Lamp.
The Perfected Acme Trip Burner.
The Acme Tandem Double Compound Thermostat Regulator.

These are the exclusive patented fixtures that make the Peerless Incubator the greatest and surest hatcher. There are no other fixtures like them. My Automatic Lamp with the trip burner will make a gallon of oil go twice as far as any other lamp on earth. My Tandem Double Compound damper and flame regulator wipes out large operating expense and all trouble. My Automatic Vapor heating system, Automatic Moisture system and Automatic Ventilating system are the biggest incubator improvements of the age.

My Big Book Tells All

It describes in detail these wonderful features. It tells how you can get the best—absolutely and finally the best—incubator in the world and save money in the bargain, by buying Peerless Incubators dis-

sembled, complete with all fixtures, ready for you to put together yourself in a few hours' time. Anyone can do it. This book is the greatest incubator book of the year. It tells too, about

Big Money In Custom Hatching

the wonderful, new and profitable way to make money in poultry with my brand new 500-egg unit machines. Each unit complete and self-contained. No outside heating plants, no boilers. The only successful 500-egg machine ever built. Learn about

My New Moisture Generator

(see cut to the right) which can be attached to any incubator, old or new, and assures perfect moisture always. You need my book. It tells how any old incubator can be made over at small expense with my Acme fixtures and made the most modern machine. Send for this book right now—tonight.

H. M. SHEER, Dept. 8 Quincy, Illinois



THE PHILADELPHIA SHOW

A QUALITY SHOW WHERE COMPETITION WAS KEEN. A NEW EXHIBITION HALL NEEDED. COMMENTS ON THE CLASSES

BY GEO. W. TRACEY

The 7th annual show of the Philadelphia Poultry, Pigeon & Pet Stock Association, held in First Regiment Armory, Broad and Callowhill Streets, December 10-14, 1912, was a success from every standpoint, but one, and that one, was that the Armory is far too small for such a big affair as the Philadelphia show.

The show was well managed, Pres. Henry D. Riley, Vice-Pres. Frank R. Gilbert and Secretary William H. Moore were constantly on duty performing the vast amount of clerical work attendant upon a modern up-to-date poultry show, while Mr. Hickman, show superintendent, looked after the interests of his charges in a manner that all lovers of poultry can appreciate.

The show was enlivened by the meeting of the Columbian Wyandotte Club and D. Lincoln Orr. Any show that Mr. Orr attends is always made more interesting by his presence. The club held a long session and we understand that the standard for Columbians will be changed for their benefit if the recommendation of the meeting is accepted by the American Poultry Association.

The classes with the possible exception of the Barred Rocks as a whole were undoubtedly ahead of any previous Philadelphia show.

The Barred Rocks brought out some good birds in the winners. 2nd cock was a fine colored bird, 1st pen cockerel being to my mind the best young Barred Rock in the class. This class was ably handled by Henry Schwab and Henry Kenner.

The White Rocks were judged by Frank Platt and were a very even class of high quality. First cock shown by the Webster Farm, Box W. Girard, Pa., was the star of the class, winning the Riley Cup for best Rock in show. The Webster Farms other winnings included 1st hen, an exceptionally fine bird. They also showed a very high class pen, the male bird in which was a typical Rock of fine color.

The Buff Rocks were a small class, but of good quality. E. H. Lichtenwalter of Girard, Pa., winning every first and all specials. The Columbian Rocks a fine class.

The Wyandottes with the exception of the Buff and Partridge were big and hot classes. The Silvers brought out some fair birds. The Whites were ably judged by Chas. Nixon of Washington, N. J. Mr. Nixon knows a Wyandotte from A to Z, being one of our very best breeders.

A. J. Savacool, Proprietor of "The Maples", Box P, F. Maud, P. O. Con-

wells, Bucks, Co., Pa., won first cock and second cockerel on a very small entry. First cock was the gem of the show and is one of the best Wyandottes shown this season. Judge Nixon said that he was by far the best Wyandotte in the show. Mr. Savacool is one of the leading White Wyandotte breeders of Pennsylvania, and has shown some remarkable birds notably first prize pullet at Philadelphia last year. His first prize cockerel at Trenton, N. J., show won special for best bird in the show. Mr. Savacool will have a few choice birds to spare and will sell eggs for hatching from his best pens.

The meeting of the National Columbian Wyandotte Club brought out a splendid display of Columbian Wyandottes, all the best breeders in America being represented. There were 31 cocks, 35 hens, 31 cockerels, 36 pullets

Hazleton & Snyder Columbia County's Largest Breeders of R. and S. C. Reds

Have 1000 fine farm raised cockerels and pullets to sell. We can supply you with show birds that can win in any competition at figures that will surprise you. We must sell—several show cocks to spare—we have the goods.

HAZELTON & SNYDER,

R. F. D.

HUDSON, N. Y.

Woodcrest Partridge Wyandottes

December again finds the "Woodcrest" birds in the ring. The great Providence Show returns me the winner of all five first prizes. Both shape and color specials with Championship cup for best bird of the year. At Springfield, Mass., a different string returns with every first prize and special. With this blood you can go and do likewise.

Why not try it? Splendid birds \$5 and up. Hundreds to choose from.
CHAS. H. WOOD, 340 Main Street, WORCESTER, MASS.

ONDAWA FARM WHITE LEGHORNS

Win Prizes and Lay Eggs



Winners of silver cups, sweepstakes, first and special prizes at prominent eastern shows during the last twelve years and known the country over as "the leading strain of heavy layers."

My winnings at the Albany, N. Y., show held January 1st to 5th, 1912, in the strongest class ever brought together at this show were as follows: 1st cock, 1st hen, 1st and 5th cockerel, 2nd and 3rd pullet, 2nd pen old and 4th pen young, also the \$20.00 gold special for best exhibit of S. C. White Leghorns.

The first prize cock at Albany is shown in the accompanying photograph. I have 65 choice breeding or exhibition cockerels and 50 pullets sired by this bird or sale.

Send 10c. for my 54-page, beautifully illustrated catalogue, describing my heavy egg producing

ing strain and full of valuable information on poultry breeding, such as hatching, feeding, rearing, showing etc. It gives over thirty photographs and many full page pictures of farm, houses and stock. If you are in the market for stock or eggs write me to-day. I have pleased hundreds, why not you? Address

ONDAWA FARM, Lewis T. McLean,

Box 60,

SHUSHAN, N. Y.

Member of the National Single Comb White Leghorn Club



And Again--Fairview White Rocks Win AT THE GREAT CHICAGO COLISEUM SHOW

For years the White Rock class at this show has been conceded to be the largest and best ever brought together. This year the competition was keener than ever before, Owens Farms and many other noted breeders being there. In fact the very best in the country was there.

AND STILL

Fairview White Rocks won 1st and 3rd Pen and 1st and Grand Championship on hen and 5th cockerel, the most coveted prizes in the show. You can't get better stock no matter what you pay. Egg orders booked now. Write today. Send ten cents for catalogue.

Guy Daily,

Box G,

Jeffersonville, Ind.

and 16 pens. It was a difficult task that was allotted to Chas. Cleveland, but he got along with it in good shape. The ribbons were pretty generally distributed. Harry Miller of Clarks Summit, Pa., and Ralph Woodward of South Grafton, Mass., were among the lucky ones, Mr. Miller carrying off 9 ribbons. Mr. Woodward showed a splendid cockerel, winning 2nd.

The Rhode Island Reds were the best class yet exhibited at Philadelphia. President Hicks' judging brought out a big entry and the show was important as the State Cups were to be won. 1st cock was an easy winner and was a grand bird. 1st cockerel the star and the best R. I. Red exhibited this season, this great bird winning a signal honor for the R. I. Reds as he was awarded the Grand Cup for the best bird in the whole show, all breeds and varieties competing. This grand bird was exhibited by the Schenley Heights Poultry Yards, 1202 Commonwealth Bldg., Pittsburgh, Pa., who in addition to 1st cockerel won 1st pen. 1st hen, 2nd and 3rd cockerel, all color and shape specials except color on female, cup for best display, cup for best cockerel, cup for best bird in show and numerous other specials. This is the first trip east for this great R. I. Red Farm, and they did the boys up in nice shape. They had the quality.

J. H. Crossley & Son won 1st and 2nd cock. This hustling pair, father and son, are proprietors of Magnolia Poultry Yards, Magnolia, N. J., a farm that is always in the running. They only made a small entry having sold a large number of their early show birds.

Geo. W. White of Hamilton, Md., won 2nd and 3rd pens and a place on cockerel. Mr. White had a very nice string in the show having brought up quite a string to sell and as they had quality he disposed of them at good prices.

The Rose Comb classes brought out some hot birds. 1st hen was a corker and was declared by Judge Hicks to be superior to 1st Palace hen. 1st cockerel was a star. 1st pullet struck me as being the best Rose Comb pullet yet shown this year. She reminded me very strongly of Mr. Almy's celebrated first prize pullet at the Garden and Boston four years ago. First cock was a good one.

Annesley M. Anderson won state cup for best display, 1st pen, 2nd cock, 1st hen (shape) and 2nd cockerel. Morton, Pa., is proud of Mr. Anderson's Reds. He is a deserving breeder and is one of the first to take up the breeding of R. I. Reds outside of New England, and his famous Lennape Strain of Rose Comb Reds is known the world over.

Rock Creek Poultry Farm, Geneseo, N. Y., won 1st cock on 2 entries.

C. E. Morrison of Palmyra, Pa., won 1st and 2nd pullet on 2 entries.

2nd pullet won color special; 1st pullet, to my mind, one of the very best R. C. pullets ever shown. Mr. Morrison never shows very much himself, but he has bred and produced many winners for Madison Square Garden and other shows. He has moved lately to Palmyra, Pa., and will breed more extensively in the future. His farm is known as Twin Oaks and they are also extensive breeders of Indian Runner Ducks.

The Orpington classes in general were good. The Light Brahmas were a quality class and were the best class of Asiatics in show.

Single and Rose Comb Brown Leghorns were good classes, W. W. Kuip having in a string of his celebrated laying strain and they were good enough to carry off ribbons in every class.

The Single Comb White Leghorn class was a hummer. Wm. Bowman who judged this class had a very serious task confronting him, but he did it with credit to himself. Mr. Bowman's services should be in great demand as a judge of the Mediterraneans, as I believe him to be one of the very best. First cockerel was a star. He was owned by Crystal Poultry Farm, Bloomsburg, Pa., who also won 3-4 hens, 2-4 pullets, 3 pen. First cockerel won cup for best cockerel in the Mediterranean classes and he was sold for a long price to a western breeder. This great bird is a son of first cock of last year's Philadelphia show who won the championship.

CAUFFMAN'S S. C. RHODE ISLAND REDS

I have the goods—My winnings at Red Bank, Trenton, Inter-State Fair, Philadelphia and Allentown Pa., demonstrate the quality of my Reds. I have a few good birds for sale at moderate prices. Write me your wants.

GEO. H. CAUFFMAN,

International Poultry Sales Co., Browns Mills, N. J., won 1st, 2nd, 5th cock, first hen, 2, 7, 8 cockerel, 3, 6 pullet, 2, 4 pen, 1st cock winning special for best bird in the Mediterranean classes. They also won cup for best display. Mr. Chapman who has this great string in charge seemed real proud of his big winnings, and well he might, as he showed a wonderful string at a wonderful show.

Elm Poultry Yards, Hartford, Conn., won 1st pullet. This farm has been prominent in S. C. White Leghorns for many years.

Newtown Producing Co., Newtown, Pa., showed some of their heavy laying vigorous strain of S. C. White Leghorns, and although they were picked right off the range without any preparations, they possessed exhibition qualities sufficient to win a prize. I find Newtown S. C. White Leghorns on many of the best poultry farms.

S. C. WHITE LEGHORNS

Majestic Strain (Young's via E. G. Wyckoff's) Winners at the New York State Fair, 1908-'09-'10-'11.

EZRA C. CARTER, MARATHON, N. Y.

Champions That Have Proven Themselves Champions
Hilldorfer's Champion Jumbo Black Minorcas

THE HILLDORFER BLACK MINORCA FARM,
G. E. Norman, Mgr., SAXONBURG, Butler Co., PA.
Complete Catalogue on request. Please mention this Journal

BUFF WYANDOTTES

Moderate Prices. Satisfaction Guaranteed.
EXHIBITION AND BREEDING STOCK
SUFFOLK FARMS, Box 54, LAKE RONKONKOMA, N.Y.

Ideal - Hover



Pick it up and carry anyplace with lamp lit, comes nearest to natural conditions of any thing yet, broods chicks just like the hen, the greatest Colony House Hover ever invented, no lamp box to fasten to outside, no holes to cut, no false floors. HEATER: Our hot air duplex or double drum heater will produce 15 per cent more heat than the single drum heater used in all of the first class Hovers, making it the best Hover for winter use on the market. AUTOMATIC LAMP: Our lamp will never smoke, oil always remains cool as oil fount is on the outside, feeding the oil to the wick just as needed, and only enough to keep it covered, lamp flame always in plain view. Dr. John M. Zook Jr., W. Chester, Pa. says: It heats them all for handiness, safety and the small amount of oil it consumes. Wilson Jones, Girard, Pa. says: The two Ideal Hovers are proving themselves splendid chick raisers, raising every chick, find check enclosed for 5 more. Gilbert J. Mitchell, Kingfisher, Okla. says: The Hover is perfectly satisfactory, please find check enclosed for 5 more. The Ideal Hover is all metal but the double curtain, the top being double with Asbestos packing, 24 inches in diameter, capacity 100 chicks. GUARANTEE: We guarantee the Ideal Hover to successfully brood 100 chicks as long as they need heat, and to give perfect satisfaction in every way or we will return the money. PRICE: Complete with thermometer \$5.50 freight paid on two or more east of the Rockies. \$6.75 west of Rockies freight paid on three or more. Upon receipt of \$1.00 we will ship by express C. O. D. to be examined and allow freight on two or more. Circular showing five views of the Ideal, also testimonials of pleased customers, and Poultry supplies we Manufacture and sell, FREE if you mention this paper.

DUPLEX INCUBATOR CO., TREMONT CITY, OHIO

TOMPKINS WORLD CHAMPION Single and Rose Comb RHODE ISLAND REDS

Their record, extending over several years, at Madison Square Garden, America's Greatest Show proves conclusively that they are the Undisputed Champions of the World.

A prize at this premier show is coveted by every fancier. You look forward to the time that you may achieve this honor. Why not reach the goal this season?

TOMPKINS REDS WILL DO IT FOR YOU

Never before in my career as a breeder have I produced as many promising birds as this year. The quality produced by this season's matings is simply marvelous. I have hundreds of birds approaching maturity that will be "fit as a fiddle" for the early shows, and hundreds more growing that can turn the trick at the later ones. Let me put you in the winning class. Write at once for prices.

LESTER TOMPKINS,

Box w,

CONCORD, MASS.

The Minorcas were small classes. Anconas good. Campines fine. Manhattan Farm, Brighton, N. Y., won every first except pullet, winning cup for best display and other specials on Silver Campines. They made a clean sweep in Golden and in first cock they showed the best Campine in America.

Houdans were a fair class as were all the Hamburgs. Cornish Indians brought out the best class of this variety yet shown in this country. Harry Wolsieffer went into ecstasies over 1st pullet. The different varieties of Bantams were well represented. The Duck classes were strong. Pen-Y-Bryn Farm of Ambler, Pa., had a nice string of White Pekins in and won a handsome cup and also ribbons in every class including 1st and 2nd pens. Pen-Y-Bryn Farm is one of the greatest poultry and duck farms in America. They breed White Wyandottes, S. C. White Leghorns and White Pekin Ducks. They cater to the market trade as well as breeding high class exhibition birds. Mr. Tiffany is superintendent of this farm and he is a very capable man, being thoroughly versed in poultry and duck culture in all its phases.

The displays were very attractively arranged and demonstrated the vast importance and great interest that is being taken in poultry in Philadelphia and vicinity. Oaklands Farms, breeders of S. C. White Leghorns, White Wyandottes and S. C. R. I. Reds, Trenton Junction, N. J., had a fine display. This is one of the leading poultry farms of the country.

Newtown Producing Co., Newtown, Pa., had one of their Mammoth Giants on exhibition; and also some of their practical trap nests. Newtown made a number of important sales.

Mr. Wixom with the Candee Incubator Brooder of Eastwood, N. Y., was busy demonstrating the merits of his favorite and he reported several sales. Mr. Wixom is a hustler and formerly operated an extensive poultry farm.

Stokes Seed Store had a full line of Essex Model Incubators on display. Mr. Stokes will put the Model against the world for hatching.

Pratt Food Co., had a beautiful exhibit. Prof. Stoneburn made it his headquarters during the week of the show. It was a real pleasure to meet

the professor who is now identified with the McGucken-McDevitt Advertising Agency.

The Howard Manufacturing Co., of Harnell, N. Y., had one of their movable houses on exhibition and it was sold after the show. Mr. Allen and Mr. Howard of the company were present during the week and they reported as having made a large number of sales. I believe it to be the most practical portable house on the market and it is selling on its merits.

Johnson Seed Co., had in a full line of Cyphers Incubators and poultry supplies and they took a great many orders for these popular machines.

Cugley & Mullen had a great display. Mr. Cugley of this firm is principal owner of the great Buckeye Incubator, a full display of which was on exhibition. Mr. Jones, who is one of the best known poultrymen in the East, had charge of the exhibit. Mr. Whiting was with the Cugley & Mullen exhibit, demonstrating the great curative properties of his Roupene. As fast as a bird was taken with a cold they were brought over to Mr. Whiting for treatment.

The Hall Mammoth in charge of Frank Sweeney was one of the features. It was at first supposed that yours truly, was assisting in exploiting the many known merits of the "Hall," but it was discovered ere to late to be mended that the good looking, urbane gentleman who claimed so much attention was a Mr. Wood, who has lately been doing so much for the poultry fraternity by inducing numbers of them to invest in a Hall Mammoth. After taking a good look at Mr. Wood, I immediately purchased a new hat and in confidence, I will state, that I have also acquired a new habit of gazing into the looking glass. I often wondered why I attracted so much attention, but after meeting my double it can be very readily explained.

Cycle Hatcher Co., of Elmira, N. Y., was also represented by Mr. Wilcox. The Cycle Hatcher is a good machine and one that you can operate in your parlor, kitchen or bedroom.

GARVEY MCKEE MAKES BIG WIN

Garvey McKee, Brush Creek, Tenn., made a clean sweep at the Hartsville, Tenn., Show, November 27-29, inclusive, winning 1st, 2nd and 3rd cock;

1st 2nd and 3rd hen; 1st 2nd and 3rd cockerel; 1st, 2nd and 3rd pullet and 1st, 2nd and 3rd pen. Mr. McKee also breeds Giant Bronze Turkeys and he is offering some stock of the same blood as these winners for sale. See his ad in this issue of AMERICAN POULTRY WORLD.

OCULUM

lessens poultry troubles 50 per cent.—a free trial—ad. page 257.

300 S. C. WHITE LEGHORN

yearling breeders, persistent Layers That Win, at \$1.00 each for prompt delivery. Circular.

W. R. SPERP, Christy Pa. 122 H. CORPARD, N.Y.

A \$1000 COCKEREL

Headed one of my pens last spring. My chicks this fall are simply wonderful. Use Peerless Strain

S. C. WHITE LEGHORNS

and my success will mean success for you. Can furnish guaranteed winners for Boston, Philadelphia, Pittsburg or any show. Quality considered I believe my price means saving to you of 25 to 50 per cent. Have furnished big winners for years.

Unmatchable utility stock at lowest prices available for quality—but no dollar birds. Write for quotation and get my valuable 24 page free catalogue.

Leon C. Huntington, Box 12-G, Omaha, Neb.

WONDERFUL RESULTS

By Using

COLEMAN'S EUREKA TONIC-ROUP TABLETS

A powerful reconstructive remedy that cures the worst cases of ROUP, COLDS and kindred diseases in a day. Conditions exhibition fowls—makes them stylish, proud, healthy birds—renders them absolutely immune from disease while on exhibition.

WHAT OTHERS SAY:

"I have lost no less than \$200 worth of birds by not having your valuable remedy."—Loring Brown, eminent poultry judge and manager, Belmont Farms, Smyrna, Ga.

"Send six dozen boxes at once."—J. C. Fishel & Son, Hope, Ind.

"Send 50 boxes at once."—F. J. Shellabarger, leading western judge.

"I have tried about all ROUP cures but find none of them of much value but yours, and it is truly a ROUP cure."—T. N. Davis, wholesale grocer, Topeka, Kans.

Full size box, 25c, 5 boxes, \$1.00

Samples Free.

Agents Wanted.

THE COLEMAN COMPANY,
65 Plymouth St., LEXINGTON, O.

ONLYA FARM WHITE WYANDOTTES

NORTH, SOUTH, EAST AND WEST WE WIN

Following our great victories at Allentown and Hagerstown, we followed it up at Augusta, Ga., by one of the grandest wins that has been made in competition with the greatest breeders in the land.

Onlya Farm White Wyandottes proved their superiority by winning 2-3 cock, 2-3 hen, 2-5 cockerel, 1-3-5 pullet, 1-4 pen and best display.

Considering the fact that our great wins at Allentown and Hagerstown during the season 1912 in connection with our great wins at the big winter shows last season, makes Onlya Farm a leader among White Wyandotte breeders.

OUR SEAMLESS LEG BANDS

Tell the story. When a bird reaches about a pound in weight a seamless leg band is put on; it cannot be removed; there it remains as the seal of Onlya Farm quality, and every young bird on our farm wears a band.

WE CAN MEET ANY COMPETITION

Our 1912 matings containing America's noted winners produced the best birds we ever raised, and they are well developed. The price is reasonable and positively every bird sold has been reared on the Onlya Farm, where nothing but White Wyandottes are bred.

WRITE US WHAT YOU NEED

ONLYA FARM,

FLORHAM PARK, N. J.



PHILIP KEARNY, Owner.
CHAS. STAAFF, Manager.



The feathers illustrated above were plucked from the cockerel heading the best cockerel breeding pen; also from hens in the same pen and from pullets in the first prize exhibition pen, winner of silver cup at Madison Square Garden, New York, 1910-11, owned, bred and exhibited by E. B. Thompson, Amenia, N. Y., originator and breeder of the Imperial "Ringlet" Barred Plymouth Rocks, which have attained a world-wide fame as being the most advanced type in color and markings. Mr. Thompson at the same great New York show also won first prize and championship on cockerel, first cock, first and second pens and special for four best cockerels and best display, besides numerous other prizes.

JUDGING AMERICAN BREEDS

PLYMOUTH ROCKS, DOMINQUES
AND JAVAS

By J. H. Drevenstedt

(Continued from page 175)

the Java is very closely allied to the Plymouth Rock, in fact, most Black Javas would pass for good Black Plymouth Rocks.

Plymouth Rock combs vary in size, if not in type, in the different varieties, many of the White Rocks showing a lower comb following the curve

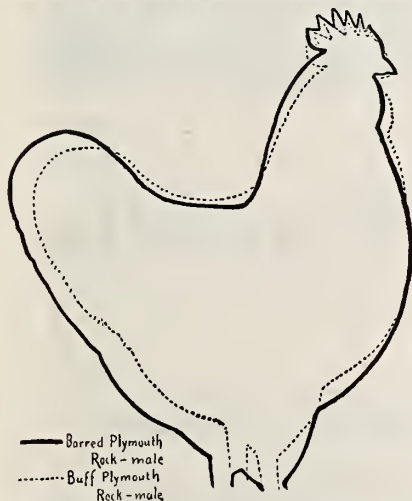


Plate II.—Variation in Standard Outlines of Barred and Buff Plymouth Rock males.

of the neck more closely than the combs usually found on Barred Plymouth Rocks. The comb that graces the head of "Greystone Champion" is a fair sample of the fashionable type of White Rock comb, although this comb is not perfect by any means, lacking one necessary serration. The male and female combs delineated in Plate VII. are to our mind ideal Plymouth Rock combs, that should grace first-class specimens in all the varieties of this breed. They fit the skull nicely and conform to the Standard description quite faithfully. To depart from this Standard type of comb is to encourage faddism, as a smaller and lower comb is apt to destroy the fine proportion of the head, lobes, wattles and beak in a Standard sized specimen.

Judges should keep the ideal comb and head in mind always and discount any serious departure from the Standard shape.

When wattles are too long and badly folded or too short and wrinkled they should be discounted in a similar degree, while a rough lobe is subject to at least half as severe punishment. But these are minor faults and should only be seriously considered when two specimens are nearly equal in all other points.

The color of the comb, wattles and ear-lobes seldom needs any serious inspection, as a bird in good condition is apt to have a bright red comb with wattles and lobes to match. Positive enamel white in the lobes is a disqualification, but judges should be very sure that it is enamel white before they throw the bird out. Hanging the bird's head downward for a minute or two will tell whether the white is

permanent or not. The shanks and toes of Plymouth Rocks should be carefully examined as the color, especially in the Barred and Partridge varieties is apt to vary greatly, especially in the females, ranging from a very pale yellow to a dusky yellow or spotted leg. Where two specimens are nearly equal in shape and color the leg color will frequently decide the awards. However, we do not believe in being too severe in discounting the color of legs, especially in the females of the Barred and Partridge varieties. There is no excuse, however, for the other varieties of Plymouth Rocks not having clean yellow shanks and feet and off colored legs should be punished severely, especially in White, Buff and Columbian Plymouth Rocks. The market value of the Plymouth Rock fowl rests on its rich yellow skin and legs.

PARTRIDGE AND SILVER PENCILLED COLOR

The color markings of Partridge and Silver Penciled Plymouth Rocks are the same as far as the dark or black penciling is concerned, but differ in the ground color, the latter being red and mahogany brown in the Partridge and white and steel grey in the Silver variety. The illustrations, Plate A and B, show the male and fe-

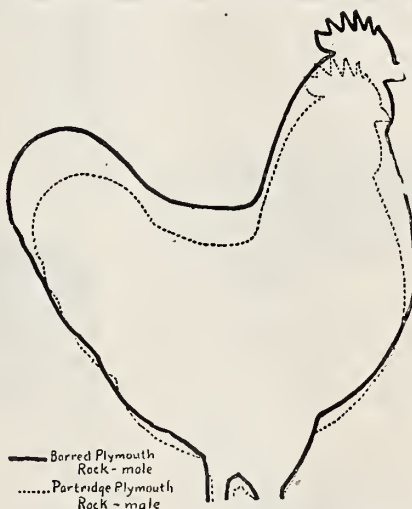


Plate III.—Variation in Standard Outlines of Barred and Partridge Plymouth Rock males.

male color markings in the Silver Penciled variety, as found in good exhibition specimens, but the penciling of the female feathers is not by any means as clear and distinct as some of the higher class Partridge Plymouth Rocks of today possess. The ideal penciling which English fanciers of Partridge Wyandottes have obtained is illustrated herewith. These feathers, from which this illustration was made are exceedingly beautiful, the penciling being regular and running parallel with the edge of the feathers as called for by the Standard. But we rarely see this form of penciling in American bred Partridge Plymouth Rocks, the penciling of the feathers being heavier, less regular and usually showing but two distinct parallel bands of greenish black.

Judges have their work cut out for them when they adjudicate in the Partridge and Silver Penciled classes,

GRANNIS
Bros.Breeding and Exhibition
— Stock —

Baby Chicks and Eggs



Buff and White Orpingtons

White Wyandottes

S. C. and R. C. Rhode Island Reds

White Leghorns

Buff Leghorns

Indian Runner Ducks

At eight shows—Rochester N. Y., Poughkeepsie, N. Y., Brockton, Mass., Augusta, Ga., Yonkers, N. Y., we won

260 Prizes

For the breeding season of 1913 we have mated up 75 pens of grand quality, and in addition colony pens aggregating nearly 1000 splendid breeders. Over 2500 birds were available for selection, a number amply sufficient to insure a very high average of quality.

At LaGrangeville, N. Y., we have our 160 acre Farm which is admirably adapted for a great poultry producing plant. At Bryn Mawr Park, Yonkers, N. Y., is our Metropolitan Branch Plant where we will have several of our choicest breeding pens of each variety; and shall also have on hand and for sale stock of the finest quality. Bryn Mawr Park station is only 10 miles from New York City.

All our stock has been raised on free range, which in our case means fields, woods and orchards.

Special Prices on Fine Breeding Stock

Cocks, \$5.00 and up; Hens, \$3.50 and up; Cockerels, \$5.00 and up; Pullets, \$3.50 and up.

Prices on exhibition stock quoted on request. The chick crop of 1912 was much below the average, consequently the demand for baby chicks, eggs and stock is sure to be unusually large the coming season. We therefore recommend early placing of orders. By ordering now and making a small deposit customers may insure for themselves shipment on date selected by them.

All our Baby Chicks are hatched in Mammoth Hot-Water Incubators and are equal in every respect to hen hatched chicks.

Mating list, with prices of eggs, baby chicks and stock, now ready. Send for a copy.

GRANNIS BROS.

Route 14, Bryn Mawr Park, YONKERS, N. Y.

HERMAN W. GRANNIS, General Manager.

as not only must the penciling of the feathers in each section where such appear be carefully compared and rated, but the greenish black color of these bands, as well as the mahogany brown color must appear harmoniously blended to present a uniform surface appearance. Shafting of such feathers is a most serious defect and should be severely discounted.

In the males, the color of the hackle and saddle is of the greatest importance and it will require very careful inspection to select the proper shade of color, as no more deceptive and treacherous color exists than red, owing to its many shades. The Standard calls for bright red in the neck and saddle and this does not mean a deep cherry red which looks beautiful when inspected at close range, but assumes too dark a shade when viewed from without the coop. Our ideal of a Partridge Plymouth Rock hackle and saddle is that the greenish black striping must be plainly visible from without the coop and that demands a brilliant bright red lacing or edging around the black stripes. Specimens, having this combination of color in hackle and saddle feathers with dark red—not too dark—backs and wing-bows should win over the so-called cherry colored ones favored by a few judges and breeders. Under-color should be treated very leniently in the Partridge and Silver Penciled males; the Standard calls for "slate" and that admits of a wide range from very light to dark color.

In Silver Penciled males, the pure silvery white of the neck, back and wing-bow with the lustrous greenish black striping of the hackle and saddle feathers are the prime characteristics of a fine exhibition specimen, other points being equal. Brassy backs and wing-bows, lack of luster or intensity in the black stripes are serious defects that should be severely discounted.

In Silver Penciled females, the same harmonious blending of the penciling with the ground color that makes up a fine partridge hen, should be observed. The even bluish or steel grey effect on the entire surface of the body plumage should be borne in mind when finally making a close decision.

IMPORTANCE OF SURFACE COLOR IN DECIDING AWARDS

Barred Plymouth Rock color is the most difficult of all to judge as there are rarely two specimens exactly alike in the shade of surface color when

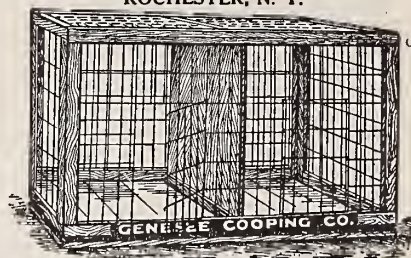
viewed from outside of the exhibition pen. On close examination we find the barring just as evenly and sharply defined in the one as in the other, in all sections, yet the harmonious blending of the parts will produce a difference in the outward appearance of the two specimens. The one may show that steel-bluish tinge so coveted by all breeders of Barred Plymouth Rocks, while the other albeit equally fine in barring, will present a duller and darker metallic luster. It is just such cases that very careful judging is necessary, for all other points being

TURNER'S R. C. BUFF LEGHORNS
won at the Great Brockton Fair, 1st cock, 1st hen, shape and color specials, 1st pen, 3rd cockerel. Rochester, New Hampshire, Fair, 1st cock and at the Cumberland County Fair, Gorham, Maine, 1st and 2nd pen fowl, 1st pen chicks. A few choice cockerels from this stock for sale. Satisfaction guaranteed.
EDWARD J. TURNER, Lock Box 339, SPRINGVALE, ME.

equal, the specimens having the brightest and clearest surface color win the blue ribbon.

Judges who are partially color-

GENESEE COOPING CO., ROCHESTER, N. Y.



Manufacturers of exhibition Poultry and Pigeon Coops of every description. Shows cooped on rental a specialty.
GEO. W. WEBB, Mgr., 34 Weldon Street.

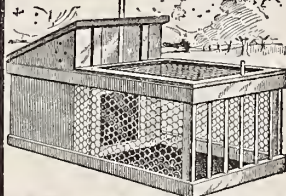
Little's White Wyandottes

Positively and without a doubt the Best in the entire South today. At four of the largest Southern Shows made a most remarkable winning. At Palace Show, New York, 2nd cockerel, 1912. Mating list ready Jan. 15th.
T. L. Little, Box 534, Camden, S. C.

Hodgson Portable Poultry Houses

WIGWARM Setting and Brood Coop

For a hen and her chicks and while she is sitting. Gives protection from rats, skunks, hawks and other enemies. Insures larger hatches—has proved its success for 22 years. Shipped knocked down size, 2x4 ft., 2 ft. high.



\$3.00

No. 0 Colony Laying House—

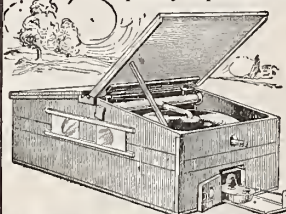
for 12 Hens Fitted complete with nests, fountain and feed trough. Sanitary—easily cleaned. One man can easily care for several hundred birds. Nicely painted—set up in 15 minutes. A comfortable year-round house. In stormy weather the run may be covered, giving a protected scratching room. Size, 10x4 ft., 5 ft. high.



\$20.00

WIGWARM Brooder

Hot-water and hot-air heating combined gives perfect ventilation—no danger of overheating—maintains even temperature regardless of cold outside. Used and endorsed by poultry experts and by experienced station men as Dr. A. A. Brigham, Dr. N. W. Sanborn, Dr. P. T. Woods and Mr. A. F. Hunter. Size, 3x5 feet.



\$15.00

Five-Section Poultry House— 10x50 ft.

Sanitary, durable, up-to-date—made of red cedar, clapboarded outside, interior sheathed. Made in 10 ft. sections, each fitted with roosts, nests and fountain. Open fronts, with canvas-covered frames. You can add sections at any time. Easily erected. First section, \$75.00; additional sections, \$60.00 each.



E. F. HODGSON CO., Room 320, 116 Washington St., Boston, Mass.

Hearndale Farm Single Comb White Leghorns

again show their superiority. Four years we have shown at the Great Tri-State Fair, at Memphis, and every time we have won a majority of the blue ribbons. This year we won 1st, 2nd cockerel; 1st, 2nd and 3rd pullet; 1st, 2nd and 4th hen; 2nd and 5th cock, and 4th and 5th pen; Special Gold Legband for the best pullet in the show, all breeds competing. Can furnish A-No.-1 foundation stock and birds to win for you in any company. A few bargains in Indian Runner Ducks, Rhode Island Reds, White, Buff and Black Orpingtons.

HEARNDALE FARM, Route No. 1, Box 135, PINE BLUFF, ARK.
W. D. HEARN, Owner. A. P. RYLAND, Mgr.

blind, however, will fail to make this fine distinction and this has led to often unjust criticism of their work. These men judge the birds by the barring solely, and failed to see the fine color effect produced by the harmonious blending of the lighter and darker bars on a first-class specimen.

It is well enough to dig down to the roots of the feathers and count the bars on them, whether they are evenly divided and sharply defined from root to tip, but the effect produced by the feathers over the surface of the entire bird is of far greater importance. Standard bred varieties of poultry are bred to please the eye principally, so that under-color is of secondary con-

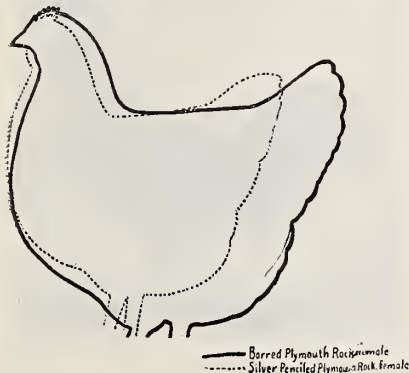


Plate IV.—Variation in Standard Outlines of Barred and Silver Pencilled Plymouth Rock females.

sideration. Discount the defects in surface color heavily and those in under-color lightly in all exhibition specimens.

The Standard description of the plumage for color of male and female reads: "Grayish white, each feather crossed by regular, narrow, parallel, sharply defined dark bars that stop short of positive black, free from shafting, brownish tinge or metallic sheen; the light and dark bars to be of equal width and to extend throughout the length of the feathers in all sections of the fowl, each feather on females ending with a narrow dark tip, the combination of overlapping feathers giving the plumage a bluish appearance." The black face is ours and are put there to emphasize what all thorough Barred Plymouth Rock breeders and judges believe to be the most serious color defects in the variety.

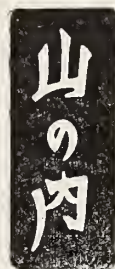
JUDGING BUFF PLYMOUTH ROCKS

Shape in Buff Plymouth Rocks has improved greatly in the past few years, and we find the blue ribbon winners at our large shows approaching more closely to the White Rocks in type and size, also showing finer combs than formerly. So the color of the plumage in most instances decides the prizes, and one of the most difficult tasks that confronts a poultry judge is the selection of the winners in a strong class of Buff Rocks where shape and head points are nearly equal. Buff is a hard color—or rather shade of color—to define in words and it is also no easy matter to reproduce it satisfactorily by the brush and color engraving process, although the recent beautiful color plate of Buff Leg-

YAMA BLACK MINORCAS

THE ARISTOCRATS OF THE POULTRY WORLD

**They Lay The Largest Hen's Eggs
Known, And White Shelled, Too!**



means

"Yama-no-uchi"

To lay brown eggs for some customers,
to mother our breeding stock, and
for fine feathers, we raise our

YAMA BARRED ROCKS

Both varieties have years of breeding experience behind them, and raised on a thousand-acre farm, they have plenty of room. Today we can supply the choicest individuals to be found anywhere. Look up our show records—firsts wherever shown.

Send for Booklet.

YAMA FARMS

YAMA-NO-UCHI

NAPANOCH

ULSTER COUNTY, NEW YORK

Satisfaction guaranteed or money refunded.

Newton Cosh, Manager Poultry Department.

horns by A. O. Schilling, which appeared in December AMERICAN POULTRY WORLD, is one of the best studies in buff we have seen reproduced mechanically. In judging buff surface color the two extremes, viz: the light straw colored hackles, backs, saddles and wing bows or the reddish hackles, backs, saddles and wing-bows of the males must be heavily discounted. The same in a lesser degree applies to the females, the extremes being the mealy shaded specimens on the one hand and the russety or red colored ones on the other. The rich glossy golden buff surface color should extend from the crown of the head to the juncture of the tail, covering the neck, back, saddle and wing-bows of the male, while the sickles, maintail feathers, wing-bows, primaries, secondaries and breast feathers should be of the same shade of color, albeit somewhat duller in sheen. In the best specimens of females, the golden sheen is noticeable in all sections exposed to the surface. Specimens that are sound and even in surface color are apt to be sound in under color, and even if small peppery spots or streaks of black appear occasionally in the tail or wing feathers, they should not be discounted too severely, as black is a holder while white is a destroyer of color, in fact, white in the plumage of a buff fowl is a most serious defect, one that should be discounted severely. However, light or almost white undercolor in the back of a buff female, provided the shafts of the

feathers are buff, must not be treated too severely as often the most even surface found on the buff hen's back will be underlaced with a nearly white under color. But when white appears in the tail and wing feathers of males

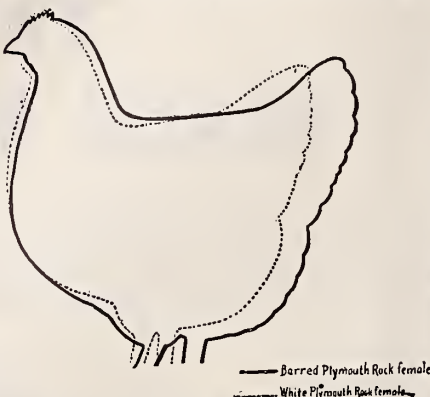


Plate V.—Variation in Standard Outlines of Barred and White Plymouth Rock females.

and females, it is most objectionable no matter how good otherwise the specimen may be in color and shape. To rate such a bird X is an "elegant sufficiency."

JUDGING COLOR OF COLUMBIAN PLYMOUTH ROCKS

The color markings of the Columbian Plymouth Rocks are the same as those found in the Light Brahma and the Columbian Wyandotte. The high

state of perfection reached by Light Brahma breeders in producing beautiful hackle and saddle striping, exquisite tail coverts and sound flight feathers in this grand old breed will sooner or later be attained by the Columbian Plymouth Rock, in fact, we have seen specimens that were fully equal in color markings to the best Light Brahma. So if the ideal has been attained by a few, more will follow, and we believe judges should keep the ideal in mind at all times

Rose Comb Minorcas



First Prize Winners New York. Exhibition birds for any show. Breeding stock of great laying qualities. Eggs for hatching in any quantity, guaranteed. Catalogue free.

A. G. Clark,

Seymour, Ind.

E. B. Thompson's Imperial Ringlet Barred Plymouth Rocks

The Finest Show Birds in All America Are Here on My Farm Today

I invite you to come to see them at their home—on their native ground—you can spend the day among show birds fit to win anywhere—they meet you at every turn on the farm. Visiting breeders and experts who have come thousands of miles this fall say they are the best they ever saw or ever expected to see. One prominent breeder said when here: "I did not think it possible for one man to produce so many high quality Barred Rocks in one year." He is one of the many men who are finding that this great specialty farm has a larger scope than others of its kind.

You Can Enjoy the Great Pleasure of Winning Cups and Prizes If You Have My Birds

I have furnished First Prize winners for a great many of my customers this fall and will furnish First Prize winners for a great many more customers for the coming shows, I would like you to be one of these pleased customers. I can sell you show birds for any competition—the stronger the better.

Exhibition cockerels, yearling cocks, hens, pullets and exhibition pens for any show in America, and selected from my thousands of Imperial "Ringlets." Elegant breeding birds of the finest First Prize New York blood at reasonable prices. Write me your needs and I will help you—I will take a warm personal interest in your success.

Eggs from the World's Finest Exhibition Matings \$10 per setting, four settings \$35, 100 eggs \$60.

Richly illustrated 70-page catalogue upon application, it is full of pictures of New York winners from life. Address

E. B. Thompson

Lock Box 330, Amenia, N. Y.

See my other ad. on back cover page.



"Ringlet" First Prize Cockerel and Champion Male at Madison Square Garden, New York, 1910-11.

when examining Columbian Plymouth Rocks in the show room. It is a mistake to be too lenient with a new variety, simply because it is new and has not been perfected. On the other hand the judge should not cultivate any sectional fads, i. e., become a black wing feather crank, or in other words, place undue importance on the color of one section at the expense of all the rest. This has been the undo-

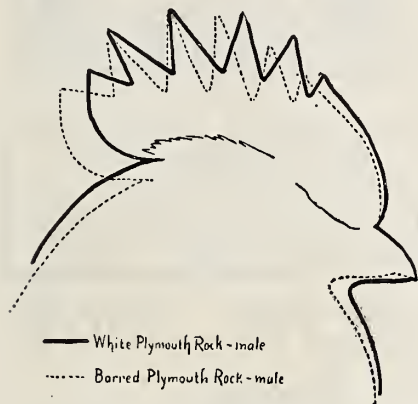


Plate VI.—Variation in Standard Outlines of the combs in the Barred and White Plymouth Rock males.

ing or more than one judge of Light Brahmas and Columbian Wyandottes. The beauty parts of a feathered biped are those visible on the surface first, last and all the time. We admire a solid black primary feather with a narrow white edging about as much as anybody and would like to see every Brahma and Columbian Wyandotte and Plymouth Rock possess such in the wings, but it is a section seen only when the wing is spread, besides the Standard allows only five points for wing color, one-third of which applies to the primaries, which means less than two points handicap if the flight feathers are entirely faulty. We would discount a primary feather but a trifle that was black with some white in the upper web, but

a greyish flight feather deserves the full penalty.

The silvery white surface color, regardless of what the under-color may be, together with the solid greenish black striping of the hackle feathers and narrow evenly laced tail coverts of the males and females are the color ideals we must have in mind when comparing specimens in competitions.

The chief defects are greyish color of hackle feathers, wide and irregular lacing of tail coverts and absence of striping in the saddle hangers of the males. Bluish grey under-color is no defect, but black spots and ticking in the backs of females is a very serious one.

The female hackle feathers should extend around and meet the fine black stripes with white edging showing well at the front, while those on the

OCULUM

Increases Egg Yield 20 per cent.
 A Free Trial.
 Ad Page 257

Rose Comb Rhode Island Reds

Blue Ribbon winners at Hagerstown, Allentown and other big shows, including Madison Square Garden. Stock and Eggs for sale.
 Twin Oaks Farm, Palmyra, Pa.

BUFF WYANDOTTES

A few select yearling breeders. Also young stock ready for early shows at reasonable prices. These birds win for me, "Why not for you?"
 E. B. Fellows, Box P-W, Scottsville, N. Y.



1913 Catalogue Free

Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

S. A. HUMMEL

Box 80,

FREEPORT, ILL.

Send Stamp for HOW TO WIN \$100 with WATSON'S BRED-TO-LAY REDS

Golden Princess laid 291 eggs in year. Wm. Loynd of Mass., got 240 eggs in year from my strain. Cockerel and Eggs,

Ira P. Watson,

Box G,

Fredonia, N. Y.

CLARK'S QUALITY S. C. W. LEGHORNS

kill, New Paltz, Middletown, N. Y., and Red Bank, N. J. Exhibition cockerels and pullets at prices that will move them. Eggs for Hatching from Quality Matings.

T. A. Clark,

"Woodcrest,"

Rifton, N. Y.



BLUE RIBBON POULTRY FEEDS

BLUE RIBBON SCRATCH FEEDS BLUE RIBBON LITTLE CHICK FEED
 BLUE RIBBON LAYING MASH BLUE RIBBON PIGEON FEED
 BLUE RIBBON BEEF SCRAPS

Get our list for special quotations. We can save you money in feed and make you money in eggs. Write to-day enclosing this advertisement.

Globe Elevator Co.,

97 Kentucky St.,

Buffalo, N. Y.

Spring Water Poultry Farm

We are now booking orders for Single Comb White Leghorn Baby Chicks for next season. They will be booked in the order they are received, so get yours in early and have your choice of dates for delivery. Write for Illustrated Catalogue.

Spring Water Poultry Farm,

Stockton, N. J.

Christie's S. C. White & Brown Leghorns

Having been bred for thirteen consecutive years, represented in every State in the Union, Austria, South America, Bermuda and Canada, they stand today without an equal as egg producers, the foundation upon which all branches of the Poultry Industry hinge. Would thousands of our pleased patrons place increased orders with us year in and year out if our birds were not as we represent them. There can be only one answer to the above question, and that is "NO". Then why ponder, when we offer Day-Old-Chicks and Eggs for hatching, from the World's greatest layers? "Better be right than sorry". Write today for our illustrated catalogue.

WAYNE POULTRY FARM,

F. W. Christie, Proprietor,

Box 67,

Stony Point, N. Y.

S. C. White and Brown Leghorn Chicks—\$15.00 per 100.

back of the neck should be boldly striped with greenish black and evenly laced with a narrow white, for as we remarked above, the exquisite markings of the neck and tail are the striking features of the Columbian Plymouth Rock.

AMERICAN DOMINIQUE AND JAVAS

Although one of the oldest of American breeds, the American Dominique is rarely exhibited at our shows today. Occasionally we find a few specimens at the fall fairs, but they are not like the Dominiques of old. The Barred Plymouth Rock cross is too plainly evident in these modern Dominiques, the finer and more regular barring and darker surface color not being the characteristic color of the breed of the past. The true color of the Old Dominiques is what was called "Cuckoo," a mixture of light grey and darker grey irregularly barred in all sections of the plumage. The shape also was more like that of the old type of Hamburgs, giving the birds a sprightly appearance which indicated activity.

The Standard illustrations show a rather different type of bird, and while the male and female are certainly handsome to look at, they can hardly be classed as typical American Dominiques, but in judging the latter, we are compelled to follow the Standard in both shape and color and this is the only safe advice we can give to judges. As the classes are small as a rule, little or no difficulty will be experienced in selecting the winners if the description in the Standard is adhered to.

The same holds good with Javas, another old but forgotten American breed. But the Java type is very important and should be placed far above color, when handling the birds and awarding the prizes. The Standard shape illustrations are a safe guide to determine type by. The white and black plumaged varieties should be examined for color defects, the same as explained for White Plymouth Rocks and Black Wyandottes. Mottled Javas should have the plumage evenly mottled throughout, the black predominating, but the white tip or spangles should be as free from streaks of grey as possible.

On page 224 will be found an illustration and description of AMERICAN POULTRY WORLD Comparison Card. This card provides a simple method of keeping a record of the winners, also provides the judge with an accurate and reliable method of making his awards.

*** Reds! Reds! Reds! Our new book "The Rhode Island Reds" is the most complete and authentic treatise on this breed ever published. Send seventy-five cents and secure a copy ***

"ROUPENE"

In the October number of AMERICAN POULTRY WORLD we introduced W. M. Whiting and his celebrated "Roupene" to our readers. Mr. Whiting has been astonished with the result of his introduction. We induced him to advertise in AMERICAN POULTRY WORLD as we had been assured of the merits of "Roupene" by our good friend Mr. Jones of the well-known Philadelphia Poultry Supply House of Cugley & Mullen. Mr. Whiting received 150 orders from his first advertisement in this paper, and what makes the success of the ad all the more pleasant to Mr. Whiting is the fact that "Roupene" has made good, many of the customers from his ad in A. P. W. having already sent repeat orders and with them strong testimonials about "Roupene" as a cure for roup. At the Central Palace Show Mr. Whiting was showing a Cuban post-office order that he had received with an order from a Cuban reader of A. P. W. Readers who are having trouble with colds or roup should look up Whiting & Co's. advertisement elsewhere in this issue and send for their advertising matter. Address W. M. Whiting Co., 17 Ashland Ave., East Orange, N. J. G. W. T.

*** Let us supply your reading matter—look up our clubbing combinations on another page ***

OCULUM grows the finest forms you ever saw—a fine trial—ad. page 257.



**THE OLD RELIABLE
LAMBERT'S
DEATH TO LICE**

has been used over 25 years by
Successful Poultrymen

**Because Clean Fowls
It Insures**

Is just the thing for sitters, as it does not harm eggs or chicks. Keep your hens free from lice and they will thrive and be profitable. Large sample of Powder or Ointment, 10 cents each. "A Sensible System of Poultry Keeping" by D.J. Lambert, mailed on request.
O. K. Stock Food Co., 417 Traders Bldg. CHICAGO

MONTREAL'S POULTRY SHOW

WILL BE HELD IN THE

VICTORIA RIFLES ARMORY

FEBRUARY 11 to 14, 1913

Write for entry form, etc.

Entries close Saturday, February 1st.

P. E. AIRD, Secretary.

293 West Notre Dame, MONTREAL, P. QUEBEC

Single Comb Rhode Island Reds

Our winnings at Allentown, Pa., 1-2 pens, other prizes. 1st pen, 1st cockerel at Philadelphia, 1911, show, against the leading Northern Breeders and our big winnings at Baltimore, Md., and other leading southern shows, places the stamp of approval upon my strain. We have 200 high class quality exhibition and breeding pullets and cockerels for sale at right prices. We have the birds to help strengthen your flock. Eggs from best pens now mated for winter delivery. Address

GEO. W. WHITE,

S. C. R. I. Red Specialist,

HAMILTON, MD.

If I Buy Baby Chicks What Will They Mature Into?

Will they grow into birds that I can feel proud of and that will lay winter eggs in quantities or win the blue ribbons for me or will they be just scrubs? That's the question before everyone who will buy day-old chicks. It's not the first price that counts but will they be right at maturity?

CALDWELL'S WHITE PLYMOUTH ROCK

FISHEL STRAIN

"BABY CHICKS OF QUALITY"

From Utility Matings

will mature into long backed, well-made birds pure white in color that will be the secret of "winter eggs." Every utility breeder is descended from well known good layers that have been bred that way.

From Exhibition Matings

will mature into blue ribbon winners. Every exhibition pen is made up of birds with good combs, of good type and chalk white in color possessing the rich blood lines of generations of Fishel blue ribbon winners. Our birds were among the principal winners at the Indiana Pioneers Show, Indianapolis, 1912.

Our Flocks are Vigorous

All fall our flocks have roamed meadows and woods accumulating health and vigor. They are now in winter quarters so full of life and vitality that their chicks will be strong and sturdy.

Here is the Caldwell Selling Plan

We are now booking orders for "Baby Chicks of Quality" for spring delivery. We never have been in such fine shape to handle orders of any size. Our fine plant is fully stocked with the finest birds we ever owned of both utility and exhibition quality. An early placed order enables us to so arrange our hatchings that we save money. By your faith you are entitled to that saving so we will allow you discounts for early placed orders the earlier the greater the discount. Safe arrival of chicks is guaranteed.

A New Catalogue is Now Ready.

One of the finest ever issued by any breeder. It tells just how "Baby Chicks of Quality" are produced and describes every grade of stock that we have to sell, with prices. A copy is ready for you.

R. C. CALDWELL, Box 102-A, LYNDON, Ross Co., OHIO

20 Years in the business.

MADISON SQUARE GARDEN AND BOSTON WINNERS

NIXON. If I can't sell you birds that will win, or breeders that will breed true to young, both sexes, and can fit you out with just what you need. Investigate NOW, it's your fault if you loose. Write today. Literature.

CHAS. NIXON, JUDGE AND BREEDER,

NIXON'S WHITE WYANDOTTES

It's a pity that you have wasted all these years in trying to get Wyandottes that please you, and still you are without anything. Now try to type it won't cost you a penny. I have several hundred old and young, it's your fault if you loose. Write today. Literature.

Box 500,

WASHINGTON, N. J.

THE RATION—IT INFLUENCE ON EGG PRODUCTION

By O. Wilson

(Continued from page 178)

the runs, it was abandoned by reason of the supply of mangels freezing during some of the extreme weather prevalent and an apparently perfect substitute was furnished by feeding dried beet pulp soaked in water. The dessert on the Missouri bill of fare consisted of a handful of the mash formula soaked in milk or buttermilk and fed in a trough and a handful of sprouted oats to the pen.

We might use an unlimited number of pencils and scratch pads in figuring out the exact proportion of fibre, protein, ash, fats, etc., that the hens in the contest had to absorb to produce their respective records, but leaving the possibility of superior breeding out of the discussion, we would have found it a decided advantage to accurate feeding knowledge had the two contests been continued for the present year, by allowing five hens or pullets to the pen at each place and then to have the feeding formulas reversed, Connecticut using the Missouri ration for last year, and vice versa. Had this been done and the totals at Missouri for the present year showed a higher percentage than the Connecticut birds, we might have had some good reason to believe that the Connecticut formulas shown above were superior to the Missouri mixtures, or failing to produce the high results that were prevalent at Storrs last year we would be more firmly convinced that the eastern breeders as a whole were devoting more than the usual amount of attention to the perfection of a high producing hen by their breeding methods. But why stop at the two-year experience we would then have at our command? Other egg laying contests are being instituted and if the idea of these later promotions is to benefit the American poultrymen and not a private purse, either of the previously tried feeding preparations could be put to its second test.

On this basis of comparison we would eventually get somewhere with the experiments. As it now is, the Storrs Station is to continue its pre-

vious mixture, making it appear that there is nothing better to be devised. The Missouri management will try out a number of rations that have been satisfactory at other stations. Storrs is conducting the contest again on the five hen-to-a-pen basis, but Missouri has doubled on us and have increased from five to ten layers to the pen.

The North American is already announcing the superiority of the Storrs laying rations by offering a comparison for the first four weeks of the second contest against a similar period in the first year and overlooking the fact that in the first contest only 57 pens were laying as against 81 pens this year. The breeders entering birds this year were advanced in their knowledge of what might be expected and entered more matured birds, and it is only natural that these older entrants should be at a higher productive stage than was accorded their last year competitors.

	No.	No.
	1911-12 hens	1912-13 hens
1st week.	91	490
2nd week	189	490
3rd week	315	490
4th week	369	490

Pens laying
at end of
4th week. 57

81

This looks like an even break and the final scores for the present year at Storrs will in all probability not reveal any appreciative difference

E. G. REYNOLDS

Breeder of the world's best White Cochins Bantams, winning at America's largest shows.

Stock and Eggs for sale. 1181 Grand St., Brooklyn, N. Y.

WHITE ORPINGTONS

A choice lot of March, April and May hatched pullets and cockerels now ready for showing.

Prices Reasonable.

Wm. W. Hitchcock, 35 Elizabeth St., Ossining, N. Y.

Selected Novels from Favorite Authors **Free**

We want to give you this big collection of thirty-nine Novels, Novelettes and Stories, some of the most interesting works of the most popular writers. Each is a complete story in itself. All are well printed on book-paper from new type and are firmly bound in paper covers. We will give you this whole grand collection of the best reading just to make you acquainted with our paper, **Good Stories**. Here are 10 titles and there are 29 others just as good.

The Desmond Blood	Etta W. Pierce
A Doctor's Story	Mary Kyle Dallos
Secret of the Holly-Tree	Charlotte M. Braeme
Unmasked	S. Anne Frost
The Choral Cross	Mrs. C. F. Gerry
The Countess Clarice	M. T. Cador
Lady Maud's Picture	Jane G. Austin
Mistress of Thornton Park	Mary J. Holmes
In a Violin	Etta W. Pierce
The Witching Hour	The Duchess

GOOD STORIES is a monthly paper filled with the best and most delightful serial and short stories we can buy. In addition there are household departments with "tried and true" receipts, helpful editorials, up-to-date fashions. **Good Stories** has something for every member of the family.

WRITE NOW Send us your name and address with ten cents in stamps or silver for a 3-month trial subscription to **Good Stories**, and we will send you, **free and postpaid**, this collection of 39 Novels. Publishers **GOOD STORIES**, 727 Chapel St., Augusta, Maine

ANDERSON'S ROSE COMB R. I. REDS

Have won at Madison Square Garden whenever exhibited. I have furnished winners for Boston, Hagerstown, Cleveland, Buffalo, Chicago, St. Louis, Pittsburgh and many other big shows. I breed my winners and I can furnish you a male that will win at your show for \$5 to \$10. Elegant females \$2 to \$5. My young flock is the largest and best I ever raised. I can furnish winners for any show.

SATISFACTION GUARANTEED

ANNESLEY M. ANDERSON,

MORTON, PA

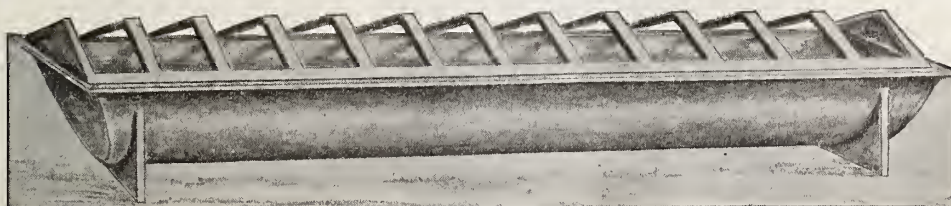
The World's Best Weckler Buff Rocks

They have been line bred for the past 15 years and I have made a specialty of high class show and breeding birds. I have bred, showed and sold more prize winning birds than all other Buff Rock breeders in the State of Indiana. I have mated for this season 4 grand matings. They are mated for best results—every bird is a high class breeding bird as well as many of them prize winners in the show room. All true to Rock shape, up-to-standard weight, heavy bone, extra good eyes and combs. Eggs from this mating, \$5.00 per 15, \$8.00 per 30, \$20.00 per 100 Eggs. I have also mated a fine lot of utility birds, all large, good color, strong and vigorous. \$1.50 per 15, \$6.00 per 100 Eggs.

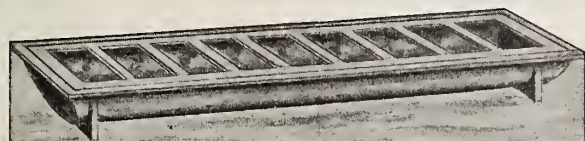
A. L. WECKLER,

BUNKER HILL, IND.

SAVING FEED MEANS MORE PROFIT



THIS SIZE FOR FOWLS



THIS SIZE FOR CHICKS

Sanitary Feeding
Troughs and
Drinking Fountains
mean
Healthier Birds

The Superior Feeding Troughs

eliminate waste. They are perfectly sanitary, as the lids lift off and one can readily cleanse both the lid and trough. Send for catalogue containing prices and possibly information you may find beneficial.

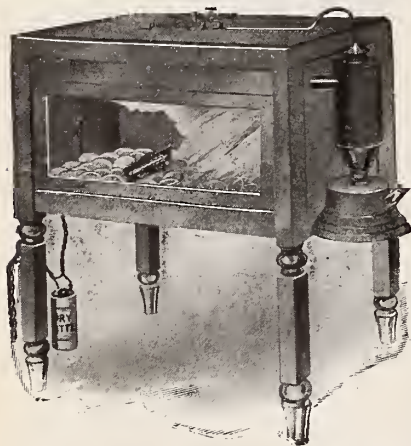
The American Foundry & Manufacturing Co., Frederick, Md.

over the scores for last year, or if there is a real advancement, we will have nothing to tell, vs. whether we are under obligations to them for a feeding ration of unsurpassed excellence, or that we should take off our hats to the owners of the birds for their improved strains.

It is only a step further to suggest that the A. P. A. dig into these and later contests by furnishing a "Feeding Committee" to consult with the promoters of these institutions, mapping out a line of progression for the feeds to be used, making the ration for the first year the same as one of the above rations, formulating a second year ration and so on, each contest as it is promoted to adopt the ration for the year in which it is running. After a few years with comparative results before us like those would be, it is almost a certainty that some one of those formulas would stand out like a sore thumb in its obvious result getting scores.

AT LAST—AN INCUBATOR DANGER SIGNAL

Since the invention of the first incubator, the maintenance of an even, regular temperature in the hatching chamber has been the most important subject connected with artificial hatching. It has been the stumbling block for thousands of poultry raisers; the



one thing lacking in hundreds of otherwise perfect machines. Even in good machines, incessant examination of the thermometer was the only method of keeping up the temperature changes—and it often was inadequate in emergencies, when heaters failed to work and dangerous rises in temperature occurred.

If the temperature of the egg is reduced somewhat, little harm is done. Nature has provided for this. Excessive heat, however, is fatal, for Nature has made no compensation for this, there being no natural possibility for it. As a result, many hatches are baked to death and thousands of chicks lost. Thermostats have been invented and applied, but with indifferent success, on account of the inability to make them strong enough and sensitive enough at the same time. Still it was necessary to have personal attention at the thermometer.

At last there has come a device that relieves the situation. A simple, safe,

reliable invention was perfected—the "TYCOS" Electrical Alarm Thermometer—and brings to poultrymen the thing long wanted; an automatic danger signal when temperature rises.

The apparatus consists of one of the famous reliable "TYCOS" Incubator Thermometers, the first instruments of their kind to which is attached an electric bell and battery. The thermometer rests on the eggs and as soon as the temperature passes the safety point, the bell starts to ring. The bell may be located anywhere—in the bedroom, if desired. Anyone can install the apparatus—its cost is small compared with the great saving it makes and the certainty it assures. The cost of one hatch saved will more than pay for it.

Made by the Taylor Instrument Companies, Rochester, N. Y., the well-known manufacturers of incubator thermometers, this device has all the "TYCOS" quality of best material and thorough testing before leaving the factory. Its price is \$5.00, complete with bell, connections and wire, and no poultry man who desires the best equipment and the most satisfactory hatches should fail to place one in every machine.

The Tyco people are giving away a very attractive little booklet, nicely illustrated, on the subject of Incubator Thermometers. It contains some interesting and valuable facts for everyone interested in hatching, and poultrymen should send for copies (free on request if this paper is mentioned) as soon as possible.

* * * Properly constructed poultry houses are essential to success. Learn how to build them by purchasing a copy, "Poultry Houses and Fixtures." Fifty cents post paid * * *

Whyland's Imperial Strain of Columbian Plymouth Rocks At the two largest Fall shows in New York State and Massachusetts winning every first prize, Championship ribbon and \$25 silver cup. A limited amount of young stock for sale at honest prices.

A. A. WHYLAND, CHATHAM, N. Y.

World's Foremost White Wyandottes Most prominent winners at the leading shows of the U. S. and Canada for past 15 years. Many owe their success to my strain.

J. H. JACKSON, L. Box 80, HUDSON, MASS.

BUFF WYANDOTTES WHITE Winners at leading shows for 14 years. Special prices on 1912 breeders. 1000 growing chicks for the fall and winter shows. Circular Free.

SQUARE DEAL POULTRY FARM, MAYSVILLE, KY. Power & Cabbish, Props.

POTTER PORTABLE
FRESH AIR
NO YARD
SANITARY
\$22-POULTRY
HOUSE

This House—7 feet high, 6 feet wide, 8 feet deep—a fine one for 25 hens. Just right for the backyard or vacant lot. Hens will lay the year "round" in a Potter fresh-air house. High-grade material and workmanship guaranteed. Made of inch red cypress flooring; painted two coats, complete with Potter V. E. roosts, dropboard, nests, feedhopper, fountain, etc. You could not build this house for \$25.00. Buy our factory made houses and save money. 2 Big Catalogues (132 pages and over 150 illustrations) showing Potter Portable Houses, coops, hoppers, roosting and nesting fixtures in all styles and sizes. You need Potter goods. They are made right and sell at right prices. Our catalogue mailed for two red stamps to cover postage. Write today. Potter & Co., Box E 16, Downers Grove, Ill.

LEROY SANDS' S. C. WHITE LEGHORNS

Bred for Quality, Size and Heavy Laying. 100 June Hatched Pullets for sale at \$1.00 each.

Baby Chicks and Eggs in season. Orders booked now.

LEROY SANDS, Successor to Sands & Beilman,

Box W,

HAWLEY, PA.

COLUMBIAN MAPLE GROVE FARM INDIAN
PLYMOUTH ROCKS
My quality strain of both varieties are equalled by few, and surpassed by none as my record in leading exhibitions will prove. I have the choicest lot of young stock in each breed that I ever raised. Hundreds fully matured and fit to win. Prices reasonable. Write your wants.
H. M. Munroe, Maple Grove Farm, Lexington, Mass.
RUNNER DUCKS



FIRST PRIZE S-C-BLACK ORPINGTON HEN
MADISON SQUARE GARDEN SHOW DEC 1910.
HUGH A. ROSE, WELLAND ONT.

Rose's Orpingtons CHAMPIONS OF AMERICA

BLACK ORPINGTONS

MADISON SQUARE GARDEN, NEW YORK, December, 1911, 1 cock, 1 and 3 hen, 2, 3, 6 cockerel, 1 pullet, 2 pen; \$25.00 Gold Special for best exhibit.

TORONTO, CANADA, September, 1911, all firsts.

NEW YORK STATE FAIR, SYRACUSE, September, 1912, all firsts.

ALLENTOWN, PA., September, 1912, 1 and 6 cock, 1, 3 hen, 1, 6 cockerel, 2, 3 pullet, 1 pen, Stover Estate Cup best Orpington.

HAGERSTOWN, MD., October, 1912, 1 and 2 cock, 2, 3 hen, 1, 2 cockerel, 2, 3 pullet, 1 old pen, 1 young pen, Special best pen in show, Special best cockerel in show, Grand Challenge "Hamilton" Cup for best bird in show—8000 entries.

BUFF ORPINGTONS

TORONTO, 3 firsts; NEW YORK STATE FAIR SYRACUSE, 3 firsts; ALLENTOWN, PA., 2 firsts; HAGERSTOWN, MD., 4 firsts.

500 old and young, highest quality, immediate sale.

HUGH A. ROSE, FONTHILL, ONT., CANADA
Frank F. Conway, Manager.

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Grand Central Palace Show

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1st Cockerel (shape), 1st Cock (color). Greatest class of Reds to date. \$500 refused for 1st prize cock. His 3rd straight win.

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Blairstown, N. J.

G. T. Tracey, Judge

1, 2, 3 Cock, 1, 2, 3, 4 Cockerel; 1, 2, 3, 4 hen; 1, 2, 4, 5 Pullet; 1, 3, 4 Pen. All specials, including Best Bird in show.

Paterson, N. J.

Seaman, Judge

Same week as Blairstown

1, 2 Cocks; 1, 2, 3 Hen; 1, 2, 3, 5 Cockerel; 2 Pullet; 1 Pen. All specials except on pullet.

BLAIRSTOWN, N. J.

Unparalleled sweep made this season by Dearborn & Sharp

STANDARD TOPICS FROM OVERSEAS

BY W. M. ELKINGTON

The 1912 International Show at the Crystal Palace has beaten all records and produced a grand total of 13,149 single entries in poultry, pigeons and rabbits of which 7,047 belonged to the poultry section, an increase of about 800 on last year's total. It was not only the biggest but the best exhibition that has ever occupied the great glass building which Americans who have visited it describe as the finest show place in the world. They tell me there were seven miles of show pens in this building, and I am quite prepared to believe it, and those who know the place will realize the immensity of the show when I say that there was not room for all the exhibits in the great transepts and about a thousand Bantams and half as many selling class exhibits were crowded out into the side courts. Personally, I think the show was too big, and three days were not long enough to see it properly. The management, however, was wonderful, and though the judging only commenced at 9 a. m. on Tuesday, the awards were practically all made and prize cards on the pens by 2 p. m. and waiting exhibitors had the satisfaction of seeing the award slips posted as each class was judged, so that in some cases the winners were known by 10 a. m. of the first day.

The biggest breed section in the show belonged to the Orpingtons, which totalled over a thousand single entries. Then came Wyandottes with eight hundred, but the best average entry went to Rhode Island Reds, with 154 in six classes, a fact that Americans will appreciate. Bantams totalled 1,376, of which modern Game contributed 293, Old English Game 217; Rose Comb a magnificent display of 172.

The international character of the show was well maintained by a good lot of entries from European countries. Belgium did the best and had a special display of her Bearded Bantams, while France and Holland sent a nice lot of entries, though the French Gatinais classes failed to turn up. After the visit of some British fanciers to the Madison Square Garden last winter, we expected to see some American exhibits, but I could

not find one and I heard many exclamations of regret. Let me add that a warm welcome awaits the first party of American exhibitors who make the trip to the Palace, and if they do not take back any prizes, they will be assured of many pleasant memories.

There is a chance for the big breeders of White Orpingtons to come over and beat the British at their own game, and it would be worth going far to see a class containing some of the best from Owen Farms, Kellerstrass Farms and other big breeders on your side in competition with the best that England can produce. I live in hopes of seeing such an event before many years pass, especially after reading in Mr. Kellerstrass' letter in the November AMERICAN POULTRY WORLD, in which he states that America is producing the best White Orpingtons in

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Nutley, New Jersey

"The Largest Breeders and Exhibitors of Rose Comb Reds in the World"

"WRITE TO-DAY FOR FINEST RED CATALOG ISSUED"

the world. There is logic in his argument, but he must not forget that even if England has sold her best to America, it will not take her long to recover the lost ground, and if Mr. Kellerstrass will come over to the Palace in November, 1913, he will see a very different turn-out to what was paraded for his inspection when he was here before, at a time when even the best birds are looking their worst.

White Orpingtons made a good showing this year, but I was not quite satisfied with the quality, both color and type being uneven and there was much to suggest that, as Mr. Kellerstrass says, our breeders have been selling too many of their best birds. However, there were some real good ones that can hold their own anywhere, including Miss Carey's 2nd prize cock, and Mr. Lindner's winning pullet. The first prize cockerel in a class of 43 has since gone to Canada, but though his shape is very fine, I should not call him a stay-white, and when I saw him he was somewhat pale in lobes. Buff, Black Orpingtons were very much as usual, but the features of this section was the improvement in the Blue variety, a pullet shown by Wm. Cook & Sons taking the International challenge trophy for best Orpington other than Buff.

Rocks had the distinction of producing the winner of the cup for best bird in the whole show, this going to Mr. John Taylor's Barred hen, a very rich colored bird of the English type with about the finest and snappiest barring I have seen. Breeders are going in for narrow, snappy barring, and some of the cockerels are remarkable in this respect, though the color would not suit you, and they are not open enough on top, whilst a good many are too tall and narrow. Wyandottes made a beautiful display, and let me place it on record for the benefit of those who have become accustomed to say unkind things about English Wyandottes, that some of the best shaped birds in the section were in the Gold and Silver laced classes. W. Smith Lambert, successor to O. L. Bates, put down the best shaped gold and silver cocks and cockerels I have seen for many years, likewise a grand shaped gold pullet, and everyone knows what he has done in the way of color and lacing. His gold cock took the cup for best Wyandotte and trophy for best cock in the show, and if he could have been sent over to Madison Square Garden, I surmise that American opinion would have been more favorable to English birds. Whites were big classes and included a few nice ones and a lot of bad ones. Unfortunately, here, as in some other classes, the best birds did not win. Black Wyandottes are going back in type, the craze of the moment being for intense green sheen and rich yellow legs. In Partridges the feature was a fine display of hens, including two or three of the finest penciled birds I have ever seen. I am shortly sending Mr. Drevstedt a set of feathers from a hen which, though faulty in shape, represents the modern ideal in penciling, and I hope he will reproduce the same for the interest of those who keep penciled varieties. Columbian Wyandottes were strong

and color is now very good, whilst the hackle in each sex are not far short of the Light Brahma. The Any Other Variety classes were interesting and a novelty turned up in a pair of so-called Copper Wyandottes. The cock has the plumage of a Golden Duckwing Game, and the hen has the body color of a Salmon Faverolle with white and black striping in the hackle. I understand the exhibitor has been working on them for some years, but he has not got very good type, though the male is such a handsome fellow that the variety is worth persevering with. Only one white-laced black pullet turned up and she was not as good as last year's exhibits, so I fear it will be some time before I can advise American fanciers to import this novelty. Some good Buff-laced and Blue Laced turned up to remind us of old times, for these handsome breeds have died right out. Pyle and Red Wyandottes did not appear this year and the best of the novelties is the Spangled, which are now good enough to import at any time, though the type required some improvement.

Rhode Island Reds made a fine show and to my eyes there was a great improvement all around, though I doubt if America has been denuded of its best Reds as England has of its best White Orpingtons. This year has

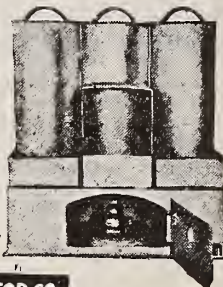
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J. S. BRADY,

Parkers Landing, Pa.

seen a marked improvement in the judging of Reds and in regard to type there was not much fault to find with the winners at the Palace. Campines also came up well, and we had an interesting object lesson in two classes of Belgian type Campines penned alongside the English classes, the effect of which was spoiled, however, though the same judge took both sections, indeed the winner in the Belgian hen class was an English bird of very nice quality, so that the interest lay solely in the cock class, where the hackles of the Belgian birds aroused admiration, though for color and barring they are not to be compared with ours.

Such breeds as Dorkings, Brahmas, Cochins and Langshans were, as usual, represented by the very best. You can always depend upon seeing something phenomenal in these sections, as for instance the winning Buff Cochin cock, nearly as big as a sheep, with feathering so profuse that he looked to be one big mass of Buff feathers. It is not everyone who appreciates such a phenomenon, even in this country, but one can not deny the skill that produced him.

Leghorns, Minorcas, Anconas, etc., were strong sections and some remarkable quality was seen in Andalusians. Polands had a class for the first time for many years and turned up in good numbers in chiefly white crested blacks, whilst other breeds classified were Scotch Greys, Dumpies, Frizzles, Bresse and Malines. The two latter birds are going strong. In the variety classes we had some birds called Apteryse, which looked like Langshans with Silkies plumage, also Lakenvelders, Spanish, Creve Coeurs and Partridge Orpingtons, the last names such a poor attempt that they never ought to have been penned. A great deal of fuss was made about the appearance of a new American breed called Sicilian Buttercups. I don't know if you are proud to own the production of this breed, but if not you ought to be after the way it has been paragraphed in the English papers. Of course, we all went along to see the new breed, but found the pens empty, but bearing type written notice, regretting that the birds had not yet arrived from America, but promising that they should appear at the Birmingham show. Well, I am writing this on the eve of the Birmingham show (the 64th annual show, and I have just heard that the Sicilian Buttercups will not be present because they still have not arrived from America. They were ordered and paid for in September and the purchaser if he can call himself so—is getting impatient. People are asking, if after all there is such a breed as the Sicilian Buttercup and if the supposed sender can not send the birds because they are not yet originated. I do not know who he is, but if he should chance to read this it will perhaps remind him that the English fancy is waiting anxiously to see the wonderful Sicilian Buttercups. We have seen their photograph and we are eager to know if they are as mongrel-looking as they appear in print.

Bantams made a remarkable section with about 1,400 entries and the

newer breeds attracted much attention. Brahma Bantams have come on very fast and so have Hamburgs, the Silver Spangled being grand little birds. Wyandottes were the best I have seen up to the present, some of the little Partridges being very unique for type and color. Some grand Cochins, Japanese, Frizzles and Polish were shown and in the variety class we had a nice Gold Sebright Rumpless, a very good Black Orpington, Spanish and a Houdan. Rock and Ancona Bantams each had separate classes and there are now few breeds that have not received attention from the dwarfing specialists.

Waterfowl made a big display and Indian Runners came up well, while the old breeds, Aylesbury, Rouen, Pekin were better than usual. Buff and Blue Orpingtons were especially

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Get Reds That Will Not Only Win But Produce Winners

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PRESCOTT'S ORPINGTONS

BUFF, BLACK, WHITE AND DIAMOND JUBILEE

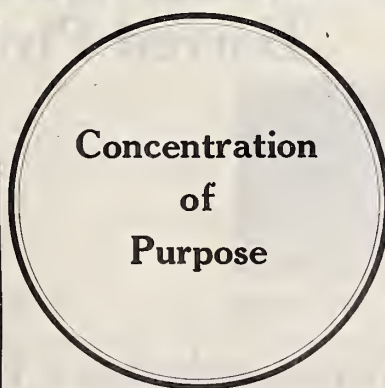
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strong. Separate classes were put on for Crested and Khaki Campbell Ducks, the latter a small breed of buff color and said to be a wonderful layer.

On the whole it was a show to be seen and remembered. There were a number of foreign visitors chiefly from Belgium, France, Holland and Germany, but as I have said, it would have given us great pleasure to have welcomed some Americans, for not only should we have been glad of your company, but we are satisfied that you would have gone away with a good opinion of a great English show. Next year's show may be bigger, but it can not be better and it can hardly be more enjoyable unless a party of our American friends come over and make it so.

A FEW HINTS ON INDIAN RUNNER DUCKS

BY WM. J. TURNER

In housing Indian Runners the open front is best, they need good ventilation, they require more air at night than hens. Their pens should be located a distance from foul odors or stabling refuse.

They are very easy to raise, if kept in a clean way. The ducklings grow rapidly and are little trouble after they are feathered. They get considerable of their feed as foragers when matured, which reduces the cost below that of hens.

Their activity, alertness and fine carriage make them most attractive to a lover of fowls. The English Pencilled Indian Runner is my ideal. When fed properly, if coming from good stock, there seems to be no end to the eggs each duck will lay to the best of her ability until the moulting season. It is a grand sight to see the pure white, large eggs scattered over the pen. The ducks must not be allowed out until after 9 o'clock, they are then through laying.

The bedding can be renewed by tossing it out in the sun and dried. When one has not an abundance of straw this method helps wonderfully and the Runners appreciate a nice dry bed, they have such intelligent ways and seem to say "thank you" for good attention.

Indian Runners do not need a pond, a shallow dish pan kept filled with clean water day and night is satisfying to a pen of grown ducks. The little ducklings need a vessel of some sort that they may dip their eyes and nostrils in, but under no circumstances must they get into the water—they can not stand dampness.

They should be fed by the clock when ducklings. As they grow, the times for feeding are lessened until it is necessary to feed them only three times a day—if they can get lots of green feed when full grown, twice

feeding is sufficient. Measurement and regularity are important in duck culture. The English Pencilled Indian Runners are unlike other ducks, the fawn and white is co-blended as to make them beautiful. They walk erect, carrying their heads in a very graceful manner and their caps of fawn seem to only need strings to make them perfect.

—o—

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Leghorns
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Big eggs, big birds, White
Wyandottes finest.
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EXPERIENCE EXCHANGE

Editor American Poultry World:

Starting with eight White Wyandotte hens on May 1, 1912, I have kept account of them five months to October 1st, 1912. In the table below you can see what can be done with a few hens in your back yard:

May, 1912, eggs laid.....	143
June, 1912, eggs laid.....	117
July, 1912, eggs laid.....	128
Aug., 1912, eggs laid.....	124
Sept., 1912, eggs laid.....	103

Total number of eggs 615 @ 18c per doz. \$9.22. Total number of eggs set 120 @ 18c per doz. \$1.80. Balances respectively 495 eggs—\$7.42.

Hatched 93 chicks @ 10c each, \$9.30. Paid out in feed \$3.40. Total profit \$13.32.

In the above table I have figured eggs at 18c per dozen, which is about the average price they have been here during the above time. Baby chicks figured at 10c each, which is the usual price.

During the five months each hen was allowed to sit once. These hens were confined in an enclosure about 50 feet by 75 feet, and were fed on just wheat and corn and given plenty of fresh water, grit and charcoal, and were taken care of just as the average inexperienced poultryman would do. T. A. Allen, Iowa.

BLEACHING AND JUDGING WHITE FOWLS

Editor American Poultry World:

I have just read in the April number of AMERICAN POULTRY WORLD the interesting discussion on bleaching white fowl.

Can the use of indigo be called bleaching? We housekeepers know that blueing does not make a yellowed garment white. It remains yellow or dirty blue according to the amount of blueing used. White garments are made a clearer, cleaner white after a dip in a blueing water rinse if they are carefully dried. Is not that change simply mechanical? Could it possibly be construed as chemical? And is not bleaching a chemical change?

It requires a great amount of skill to wash a bird and give it the right douse to get a satisfactory white. I know that it does and some of my attempts would have been extremely mortifying if they had not afforded compensatory amusement. The birds were not white and would not have won at their best.

Since it is really skill that improves a white fowl by using blueing and since a creamy white can not be made white by its use, how can that be called faking or deceiving?

The question of how white a white fowl must be is a fundamental one. For many years I considered the judging of white fowls as a feat in skill at guessing at the points in color. Again and again I have asked, "What rule is there in making cuts for creamy plumage?" there is no rule. Some years ago I followed the judge from coop to coop at the Minnesota State Fair and received not the least glimmer of knowledge. He was very busy, there was a large display and the time was short, and I dared not ask him questions to occupy his time.

In the winter of the same year when the Minnesota State Poultry Association held its meeting I followed the same judge and did ask questions, and received very courteous replies, but even then I was little wiser as to regulating the value of a tinted white fowl. Very few if any were not tinted and I could have given them all such cuts that the owner would never have exhibited them again. The judge could not do such a drastic thing as that.

However, this show used compari-

Deming's Single Comb Rhode Island Reds

Won at New Haven Nov. 20-23, 1st Pen, 1st Hen, 2nd Cock, 2nd and 3rd Pullet, 4th Cockerel. Gold Special for Best Display. Three medals and Silver Cup or best laying Reds at World's Egg Laying Contest at Storrs College. Certified average of 186 eggs per hen. Breeding cockerels \$3 and \$5 each. Mated pens 6 pullets and cockerel \$15 and \$25 each.

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PORTLAND, CONN.

FAIRFIELD WHITE ROCKS TO THE FRONT

At the great Allentown Pa., 1912, Show won 1st cock, 1st cockerel, 1st pullet, also Col. Trexler Cup for best bird in White Rock class, have won this cup twice. Also at Bridgeton, N. J., Quality Show, November, 1912, won 1st, 2nd, 4th cock, 1st, 3rd, 5th hen, 1st, 2nd, 3rd cockerel, 1st, 2nd, 5th pullet, 1st pen, also Commercial League Cup for best display of Rocks, all varieties competing, also medals for best hen and best pullet in the show. We have lots of good husky cockerels for sale at bargain prices, also about 100 pullets we can spare that will please anyone, also a few very choice cockerels and pullets fit to show anywhere. Write just what you want and what you wish to pay and we will give you more than your money worth. Eggs for hatching after February 1st.

FAIRFIELD POULTRY FARM, H. W. Schnitzer, Prop., FAIRTON, N. J.

A WONDERFUL WINNING AT CHICAGO

R. and S. C. BLACK MINORCAS and R. C. BROWN LEGHORNS

6 firsts, 7 seconds, 1 third, 3 fourths and 3 fifths, in the hottest of competition. 1000 birds bred from these winners that are ready for shipment. Utility flocks in any number. Our beautiful 80 page illustrated catalogue and poultry book will be sent for five red stamps. Price list free.

EDGE MONT POULTRY FARM,

W. O. CHASE,

Box Z,

HILLSBORO, ILL.



son judging, and at one time I questioned something that the judge was seeming to do. He returned with me to a certain pen and said, "My many visits between this pen and the other you mention, are made to arrive at a final conclusion. The decision must be in favor of one of these two pens and this is the better. They are not quite so white. Some of those tinted feathers will become much whiter, but, see how much better these fowls are in shape, symmetry and vigor, a better type of their class." That was sane judging. Yet I should like to be a judge of white fowl long enough to have guessed enough times to crystallize my guessing into judgment.

In all except the top-top shows, I fully believe in the value of the explanatory score card. Nothing is of such value in the possession of the average exhibitor as one of these cards to study at his leisure and by its help to compare his flock with the fowls exhibited and know the reason "why," Jane Paul Ray, Wash.

—o—

Editor American Poultry World.

Gentlemen:—Thinking that it might be of interest to you to know what a subscriber is doing in a small back yard plant I will give you a short description of my outfit. This consists of a home-made coop 6x8 ft. with a yard 8x8 attached, a total space occupied of 8x14 ft.

I started last May with a small grape basket full of 10 S. C. White Leghorn chicks one day old, incubator hatched, which I brought home from a poultry farm eight miles distance on my wheel. I made my own brooder and raised all the chicks to maturity. Unfortunately six were cockerels and only 4 pullets which I wintered, the cockerels going on the table as soon as large enough.

The four pullets have laid eggs as follows: Nov. 23, Dec. 24, Jan. 9, Feb. 53, March 83, total 192. This to an amateur seems pretty good, considering they had no fancy care or feed. Just plain clean food and a clean coop with the ordinary care a novice could give, next season will see a larger flock of the same breed, and as these are full blood fowls and fine hens, I am well pleased with the beginning. Here's hoping as good success attends greater efforts. I wish to add that I enjoy the A. P. W. very much and find in it many things helpful. F. E. Brooks, New York.

—o—

Editor American Poultry World:

I inclose herewith the statement of the record of a Barred Rock hen raised by me, a record made in her pullet year. This is my first experience in raising poultry and I am therefore very much of an amateur, but the record nevertheless seems good to me. During the year this hen, together with four others, was kept in a dry goods box about 3x4 feet, even during the extreme cold of last winter. I have since regretted that I permitted this bird to raise a brood of chickens. I feel that if I had broken her up that I might have made a better record, possibly 250 or more. The five hens which I have to date have laid 789 eggs and three of them have

==VIERHELLER'S BUFF ROCKS==

*SPECIAL SALE of Last Year's Prize Winning Cocks and Hens.
This is your chance to get something good.*

VIERHELLER BROS.,

71 Sylvania Ave.,

PITTSBURGH, PA.

RHODE ISLAND REDS Rose Comb Winners in 1912—4 firsts, 3 seconds
3 thirds, 1 special. Eggs from The
S. C. WHITE LEGHORNS Eggs from high scoring pen
\$1.00 per 15.
Winners at \$5.00 per 15.

W. E. BARBER,

526 J Avenue,

SUPERIOR, WIS.

BUFF WYANDOTTES

"GOLDEN GLOW"
—STRAIN—

1st, 2nd, and 3rd Madison Square Winners head my breeding pens.

THEODORE S. HEWKE,

MIDDLETOWN, N. Y.

RICHARDSON'S ROSE COMB REDS

Madison Square Garden, Baltimore, Hagerstown, won this season 5 firsts,
4 seconds, 4 thirds, 1 fourth, 5 fifths. Write your wants.
Member Red Club and A. P. A.

M. C. RICHARDSON, JR.,

FRONT ROYAL, VA.

Lisk's White Wyandottes

I have reared a very promising lot of birds from my *Celebrated Bred to Win and Lay Strain*. Birds that can win in any show. Birds at moderate prices that will improve your laying strain. They are maturing into large snow white specimens with proper shape. Write just what kind of a bird you want and let me quote you prices. Every sale guaranteed satisfactory.

FRED C. LISK,

Box L,

ROMULUS, N. Y.

More Eggs—Bigger Profits

YOU can have both by feeding Darling's Meat Scraps to your hens. Every ounce of Darling's Meat Scraps is absolutely fresh. Trimmings from roasts and steaks sold over the butchers' counter are picked up by our wagons the same day and cooked that night. In short, Darling's Meat Scraps are made from the fresh trimmings from the edible portion of the carcass. This gives uniform quality and sweetness. Besides—

Darling's High Protein Meat Scraps Contain 55% Protein

They are low in fat, and fine ground as recommended by both the Experiment Stations and practical poultry raisers.

Darling's Meat Scraps cost no more than goods of lower protein content. Insist upon Darling's 55% Protein Meat Scraps at your dealers.

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This book is replete with timely, helpful and specific suggestions and hints on the care and feeding of poultry that you should know and profit by. It tells how to increase egg production and egg profits. Whether you own 25, 50 or 500 fowls, you will be tremendously benefited by reading and studying this book. Write for your free copy today. Simply address:

Darling & Company
4205 Ashland Avenue Chicago
The Van Iderstine Company
20 Railroad Ave. Long Island City, N. Y.



about two months more to complete their year. I have three pullets and four cockerels from the above mentioned hen. One of the pullets began laying on December 2nd, when six months and three days old and is laying regularly.

The Barred Rock hen "Blacky" mentioned above was hatched May 25, 1911, and began laying December 9, 1911. She laid 133 eggs and became broody May 15th, 1912, and was set on a clutch of Leghorn eggs. She was off duty in hatching and caring for this brood until July 19th, a period of 65 days. She resumed laying July 19th and laid until November 30th 39 eggs in all. This made a total of 232 eggs in somewhat less than ten months of actual laying time. The following is a detailed statement by months:

December, 1910.....	18 eggs
January, 1911.....	25 eggs
February, 1911.....	24 eggs
March, 1911.....	27 eggs
April, 1911.....	25 eggs
May, 1911.....	14 eggs
June, 1911.....	
July, 1911.....	11 eggs
August, 1911.....	18 eggs
September, 1911.....	25 eggs
October, 1911.....	24 eggs
November, 1911.....	21 eggs

232

Myron E. Keats,
Wis.

DEFENDS THE HOUDANS

Editor American Poultry World:

Permit me, as a small advertiser in your columns to call attention to the manner in which you answer a question which appears on page 76 of your November issue, in which the writer says: "I have recently acquired a place that has sufficient room to permit me to keep a few chickens and would like to ask which you consider the best breed for one who desires birds for table use and to supply eggs for family use."

Your reply is that "Plymouth Rocks, Rhode Island Reds and Orpingtons will all fill the bill as an all around fowl. Each breed with the exception of R. I. Reds have numerous sub-varieties, with as many different colors of plumage, so that if you have any distinction, to make in this direction, it should be easy to make a selection from the list."

Perhaps owing to the popularity of the above mentioned breeds, you were prompted to answer the gentleman's question as you have—but as a breeder of Houdans, I want to defend them and will attempt to prove that they too should have been mentioned on the list, as well as some other breeds.

As a back yard fowl, I believe the Houdan has few equals for the reasons:—1st, their color; 2nd, they can be confined within a four-foot fence; 3rd, they stand confinement most excellent; 4th, they will stand more cold than any of the above mentioned varieties, owing to the fact that they have a crest that protects what little comb they have and their beard which protects their wattles, which are very small, besides they are heavily feathered birds; 5th, as to size, they are, of course, not as large, but please per-

QUALITY SILVER LACED WYANDOTTES

Leading winners at Madison Square Garden. SEVEN years in succession the leaders at New York State Fair. Now is the time to book your order for Winners or breeders. Circular free.

LeROY W. SEIGFRIED,

Route B,

WATERLOO, N. Y.

WHITE CRESTED BLACK POLISH - BUFF WYANDOTTES

Great Bargains Now Offered.

CARPENTER & CARPENTER,

EAST RANDOLPH, N. Y.

Blue Ribbon Strain Buff Rocks

25 Hens and cock birds including my First Cock at Philadelphia, Pa., very cheap. Write quick.

KARL MICHENER,

ORRVILLE, OHIO

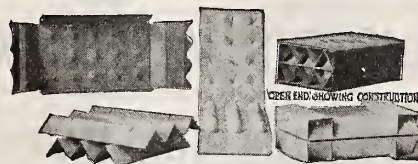
1882 - JODREY'S SILVER WYANDOTTES - 1912

Champions of the great club show Boston 1912, Won the Steinmesch Champion Challenge Cup for best 4—150 competing. The Boston Champion Cup for best male, 52 competing.

They won on quality not quantity. Breeding and exhibition stock for sale that will improve your stock.

J. C. JODREY,

DANVERS, MASS.



BUY DIAMOND EGG CARRIERS

It is a fact and not a boast that eggs get the maximum protection in the Diamond Egg Carrier. Order today. Sample 25c. 15-egg size, dozen \$1.50, hundred \$11.00.

DIAMOND EGG BOX CO.,

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Chicks that Live

Hatch Chicks that Live—Bigger Chicks—Stronger Chicks—Healthy Chicks—and More of Them

Your profits come from the chicks that live, Mr. Poultryman—not from the chicks that die. A big hatch doesn't mean much to you unless the chicks live and thrive—and unless you can hatch chicks THAT WILL LIVE AND THRIVE—you can't make money raising poultry. 50 per cent hatches and raising 50 per cent of the chicks you hatch isn't successful poultry raising—yet many breeders are doing no better than that—and think they are successful.

YOU CAN HATCH EVERY HATCHABLE EGG and HATCH CHICKS THAT WILL LIVE

if you use a Buckeye Incubator. Thousands are doing it—hatching great, strong, healthy chicks that start to grow the minute they leave the shell and keep on growing—without the aid of tonics and medicine to keep them alive. With a Buckeye Incubator you can hatch eggs that other incubators cannot hatch and get larger chicks than can be hatched in any other incubator or under a hen.

You cannot go wrong with a

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because we have an agency right in your home town where you can see one at work—see how it hatches—see the chicks hatching and get personal help in operating the Buckeye you buy. We have made it possible for you to cut out hard-to-understand direction books and all possibility of failure, because our agent will show you how to hatch every hatchable egg and produce bigger chicks and stronger chicks than you ever saw before.

Buckeye simplicity and our agent's help will enable

Sold as Low as \$8.00

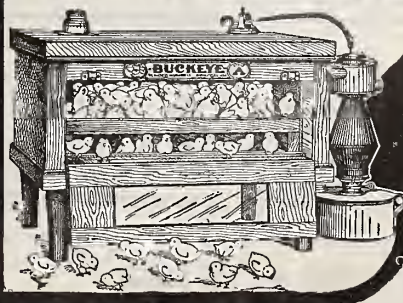
Over 325,000 Buckeyes are in use today. Over 100,000 sold last year. Has 22 years of successful history. Write today for our new catalog, just the book you will want if you keep chickens. Talks to the point and stops when it gets there. Reading

THE BUCKEYE INCUBATOR CO.,

you—anybody—to operate a Buckeye Incubator successfully. Don't be a doubter! Seeing is believing, so send us your name and we will direct you to our dealer so you can see a Buckeye hatching. Buckeye Incubators are made in five sizes, 60 eggs to 350 eggs—and are equipped with every desirable device to hatch chicks that live. (The big 10,000-egg machines use the Buckeye principle of hatching and construction.) They are GUARANTEED to hatch every hatchable egg and are

it is time well spent. Do not delay. With the catalog we will send you information about the dealer who will show you a Buckeye in operation, and testimonials from every state in the Union.

527 Euclid Avenue, Springfield, Ohio



Anybody can
Hatch Chickens
with a Buckeye

mit me to inform you that they will produce a chicken that will weigh a pound or a pound and a half as soon as either of the above mentioned breeds.

We must also not forget that these birds are to be fed and the Houdan will produce more eggs on less feed in cold weather than any other variety of fowl I know anything of. I have had Rocks, Orpingtons, and Houdans alongside and I say candidly that the Rocks and Orpingtons will consume 1-5 more feed if not 1-4 more.

Sixth.—Now as to the quality of the meat, of which they carry more to the side of the carcass than any other fowl, I defy any person to produce any better chicken meat than I can with the Houdans. In fact, the French people, who are the highest livers on the globe, pronounced the Houdan the best meat known to them.

Seventh.—The Houdans as a non-sitter.—The back-yard poultryman with the above mentioned varieties (Rocks, Reds, Wyandottes and Orpingtons) on his daily tour of egg gathering has frequent occasion to lose his religion, when he thrusts his hand in the nest and instead of extracting a nice big white egg, he receives a sudden stroke on the back of his hand and he immediately proceeds to get a club and chase the broody hen from her nest. Now, what follows? The back-yard poultryman does not care to raise chickens (for he has not the room or time); this hen is not only out of commission, as an egg machine, but you must work many days with her and in as many different ways to get her fever broken and then wait from two to four weeks before she is ready for business again, the same thing to occur again in 10, 20 or 30 days Moral—The Houdan never becomes broody.

Eighth.—Last but by no ways least.—The White Egg, which is equalled only in size by that of the Minorca. I also want to state that the color of the egg is something with which we all have to reckon, as we all know that this and many other countries are fast coming to the white egg, something the Rocks, Reds, Wyandottes and Orpingtons can not produce. We also know there are many housewives who will have nothing but the white egg because of the color of the shell, it is more easy to detect a fresh egg, than in the brown shell, besides what is more sightly to the human eye than a dozen big white eggs. G. G. Billman, Evansville, Ind.

* * * Every breeder of Rhode Island Reds should secure a copy of the book "The Rhode Island Reds." Gives the origin and history of the breed. Also the experiences of our most successful breeders. Seventy-five cents per copy * * *

EVERY LOUSY HEN

is losing real money for you. Every egg you don't get is so much money lost. Stop that leak! Hens tormented by lice can't be expected to lay eggs. You can keep your hen house free of lice with one application a year, and Circular 61 tells you how. Sent free. Write us today.

Carbolineum Wood Preserving Co.,
190 Franklin Street, New York, N. Y.

ENGLAND'S OLDEST FOWLS--RED DORKINGS

These birds the Romans brought to Britain, are the most beautiful of the best table breed. Cocks black-breasted reds of eight pounds; hens black-spangled reds of six. Heavy layers, winter and summer, of white eggs. Cockerels, five dollars up. Sittings of fifteen, first pen, five dollars; second pen, two dollars. Write for new sort of circular to

C. WEYGANDT,

Wissahickon Ave., Mt. Airy,

PHILADELPHIA, PA.

COLUMBIAN WYANDOTTES

Superior Quality. Bargains in Cockerels.

M. B. SHAW,

Box 432,

CARDINGTON, OHIO

LOVE'S BARRED ROCKS are Champions of the South. At the Tri-State Fair, Memphis, 1912, I won as follows: 1 cock, 1-4-5 hen, 4-5 pullet, 1-2-3-4 pen. Special for best shape cock, best colored cock, best pen, best display Barred Rock from Tennessee, and several other minor prizes. It takes quality to do this and I have it. Choice stock for sale. Write your wants.

W. E. LOVE, Jr.,

Box W,

1129 Union Avenue, MEMPHIS, TENN.

GABRIEL'S "RAVEN BLACK" Strain of S. C. MINORCAS

At the Indiana State Fair Indianapolis Sept. 1912 Won First Cockerel, First Pullet, First Pen. FRED C. GABRIEL, Prop., Raven Black Yards, SOUTH BEND, IND.

PHILADELPHIA BARRED ROCK CHAMPIONS

won National Trophy, Best Display, Best Pen in show, 51 pens competing, Philadelphia show 1911, Mineola 1912 against best breeders on Long Island, won best Display, 1, 2, hens, 1, 2, cockerel, 1st pen old, 2nd pen young, 3rd cock. Sons of the great Sensation for sale. Unbeatable show birds among them. Send for Catalogue.

TOP NOTCH FARMS,

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WATER MILL, L. I. N. Y.

Fogg's Single Comb White Leghorns

ARE BRED FOR EXHIBITION AND HEAVY LAYING

Get our prices on breeders and young birds. We have the quality that will please you. Our breeders this season are the finest lot we have ever mated. Write us early about *Baby Chicks* and *Eggs For Hatching*. Our Baby Chicks are the kind "That Live" and eggs for hatching will produce that kind. Send for Booklet and Mating List now.

N. V. FOGG,

Box W,

MT. STERLING, KY.

QUALITY WHITE ROCKS

Win at Grand Central Palace, New York, Dec. 3 to 7, 1912

First and Fifth Cock, Third Hen, First, Second, and Fourth Cockerel, First and Second Pullet, First Pen. Best Display, Special for Best Pullet in the Show, any variety.

When in need of the quality kind, write

L. C. BONFOEY, Box A, VERNON, CONN.

ELDORADO CRYSTAL POULTRY YARDS

If quality is what you want, we have it, our breeding pens are made of high class stock this season. The first pen of White Orpingtons at the Great Tri-State Fair, at Memphis, now heads our yards, besides them we have 1st, 2nd and 3rd prize pens of the Eldorado Annual Fair. Also 3rd and 4th cocks of the New Orleans Show of last season, have a lot of young stock that have never been shown that are well up in quality; can furnish stock and eggs at all times write us your wants.

ELDORADO CRYSTAL POULTRY YARDS, Mrs. J. C. Hudson,

Box 53,

ELDORADO, ARK.

MORE ABOUT ROUP

By Dr. J. H. Snook

Ohio State University

(Continued from page 177)

cases of chicken pox from birds having only canker. Also, a new form of treatment which is beneficial for roup only, or those conditions due to the same cause, viz: the roup bacillus, readily cured cases of the so-called chicken pox, which further indicates that it is but a symptom of roup. Many bad colds are probably the beginning stages of roup, or just mild cases of it such as might occur when the birds are in very good condition, so it is well to suspect all "bad colds", especially if very many are affected and they do not improve in a short time. Examine for canker deposits and that peculiar odor of roup.

VIGOROUS METHODS NECESSARY FOR PREVENTION

Now that roup is known to be an infectious disease and very contagious vigorous methods must be used if it is to be prevented, or, if present to eradicate it. Prevention, of course, is the first consideration if a flock is free from the disease. It must be constantly kept in mind that this is a contagious disease and that if healthy birds are exposed to it they will get it just as surely as man or animals contract contagious diseases when exposed to them. In the first place never add affected birds to a healthy flock. All birds returning from shows or to be added to the flock should be examined, and if healthy keep in a separate place for at least 10 days to see if the disease will show up. If diseased they had better be disposed of or treated, and if the latter keep entirely away from all others and have a separate attendant.

Secondly, good housing conditions are essential to keep the birds in good general health, and the liberal use of disinfectants about the house and grounds are useful to destroy the ordinary infection and parasites, both of which are injurious to their general health. Lime solution is probably the cheapest and best for this purpose.

Thirdly, the vaccination method is to be highly recommended as one of the latest and best methods of preventing it. This consists in injecting under the skin with a hypodermic syringe a toxin made up from a roup infected bird. This increases the birds' resistance to this particular disease and consequently they will not take it even if directly exposed to it.

HILLHURST FARM COLUMBIAN WYANDOTTES

A very choice lot of breeding hens, strong in neck and tail markings for sale at right prices

J. B. CASTERLINE, Mgr.,

ORCHARD PARK, N. Y.

Morgan's Black Langshans and Rose Comb White Leghorns

Exhibition and utility stock for sale. Write for my free price list.

Morgan Bros.,

Dept. 4,

W. Alexander, Pa.

Special Sale at Woodcrest Farm, Rifton, N. Y.

Hundreds of yearling hens, White Wyandottes and S. C. White Leghorns, including many Albany and Schenectady winners. Some grand yearling cock birds that will win at the best shows.

PARTRIDGE WYANDOTTES HENS and COCKERELS

Also a few S. C. White Leghorn yearlings. Prices on above from Two to Ten Dollars each.

C. B. McEWAN,

ALBANY, N. Y.

JERSEY STRAIN S. C. WHITE LEGHORNS

Grand yearling hens selected for size, shape and great laying qualities at half price, also a few choice breeding cocks at reduced prices. Send for Catalog.

NORTH JERSEY POULTRY FARM,

RAMSEY, N. J.

VERMONT'S FAMOUS WHITE WYANDOTTES

Are Still Winning Strong. Five out of six firsts is their latest. Cocks, Hens, Cockerels, and Pullets that can win for you. Write your wants.

GEO. M. BEECHER,

Box 125,

WEST PAWLET, VT.

ALL OUR SHOW BIRDS FOR SALE in Black Orpingtons, R. I. Reds, all varieties Leghorns, Rocks, and Ornamental and Game Bantams, Silkies, all varieties of Waterfowl—our White China Geese are the Champions of the World. We are now through showing, will sell cheap. Over 6000 prizes won. Address MRS. W. P. MASTEN, PLEASANT VALLEY, N. Y.

WILSON'S INDIAN RUNNERS and BUFF, BLACK and WHITE ORPINGTONS

Our Orpingtons are of the same high quality as our Runners and have won at such shows as Ohio State Fair. Get our Mating List.

WILSON FARM,

Route 11,

DOYLESTOWN, OHIO

ORPINGTONS BLACK AND WHITE

If you want to get in the King Row you will want some of our birds. We have the kind that make good in the show room, dinner pot and egg basket. Some choice young stock for sale at hard time prices, also colored Muscovy and White Indian Runner Ducks.

STAUFFER BROS.,

APPLE CREEK, OHIO

Here We Have What You Want—Why Did You Not Let Us Know Before?

At your own price stock that will win, also lay 200 eggs or better. Rocks, Reds, Orpingtons, Wyandottes, Minorcas, Leghorns, Bantams, Ducks, Geese, Stock, Eggs and Chicks. Catalogue Free.

MAPELING POULTRY YARDS,

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ARMSTRONG'S SINGLE COMB REDS

My young stock are showing splendid type and color and will be for sale as they mature.

R. I. ARMSTRONG,

1053 Sullivant Ave.,

COLUMBUS, O.

RILEY'S ROSE COMB REDS

Winners at Buffalo, Pittsburgh and Syracuse State Fair. If you need color write me. Have a few splendid trios.

C. E. RILEY, Broadway & Fillmore, BUFFALO, N. Y.

S. C. WHITE LEGHORNS

S. C. BLACK MINORCAS

Bred for perfection in standard requirements combined with extraordinary egg production, raised under the most favorable conditions. Conditions for which only "Sunny Tennessee" is noted makes my Strains the most desirable for those who seek the highest quality.

THEY WIN

THEY LAY

THEY PAY

Write your wants—We can satisfy.

Park View Poultry Yards, Box W, Poplar and Welliford Sts., Memphis, Tenn.

EVERGOLD has come to stand for the best values in BUFF WYANDOTTES TRUE TYPE AND BRILLIANT COLOR

As a result of our many years of earnest effort in perfecting a strain of Buff Wyandottes that should carry the Buff so deep and the Wyandotte so true that it completely fills the eye of the Fancier, we are now able to offer to the buying public—Evergold Buff Wyandottes, at popular prices, which invariably suit the purchaser.

We are now established in our new quarters and prepared to supply all needs in our line. We will be glad to describe stock at any price desired. A Price List Free—An entirely new Text Book on origin and history of Buff Wyandottes by best authority for 20 cents. Write your needs to either address.

W. G. MARSHALL,

200 Superior Street, Box 40, Cleveland, Ohio.

GERALD WILLIAMS, Mgr.

Rocky Run Farm, Box 40, Northfield, Ohio

In other words it makes them immune and this immunity will probably last a year or more. This method will be of great value in protecting those birds used for exhibition purposes.

TREATMENT PRESENTS DIFFICULTIES

The treatment of sick birds presents some difficulties and several methods are beneficial. All birds showing disease should be isolated and have a separate attendant and all utensils, etc., used for the sick ones must not be used for the others, the object being, so far as possible, to prevent the spread of the disease to others of the flock. Of course these sick birds have scattered the infection around the premises and the more infection present the more the possibility of others getting it. Therefore, a thorough disinfection must be carried out through the entire house and runways. General tonics are useful to keep up their good condition and sulphate of iron, one teaspoonful to a gallon of drinking water is excellent for this purpose.

DECREASING INFECTION BY INDIVIDUAL TREATMENT

The sick birds may be treated individually with a view to decreasing the amount of infection. This may be done by cleansing the mouth, nasal passages and eyes with a 2 per cent. boric acid solution, using it as a wash with a swab or with a spray for the nasal passages. Scraping off the canker deposits, where possible, allows the antiseptic a better opportunity to come in contact with the organisms underneath. If abscesses develop around the eye or anywhere under the skin make an incision with a sharp knife and remove the yellow pus and wash out the cavity with the boric solution. Of course this is tedious especially if very many are affected as the cleansing has to be repeated every day for several days. All of this treatment simply assists the birds slightly by removing some infection and then they are left to recover themselves, for the antiseptics do not reach all parts affected and none can be made to do so. In these cases also, a little tonic helps and the above mentioned can be used.

Many of the infectious diseases of man and animals after being treated for a long time and unsuccessfully by the use of antiseptic washes and drugs were at least overcome by the use of antitoxine, serums and vaccines, and in our we have a typical example of an infectious disease. Such preparations are somewhat expensive to prepare and must be injected under the skin with a hypodermic syringe. This latter feature makes them objectionable to any one not familiar with the procedure, but with fowls it is a simple matter as the skin is thin and rarely do bad results, such as abscesses follow.

This preparation is now on the market and the expense and other objections to its use seem small when compared to the results which follow its proper use. The preventative and curative doses are just the same and its use in both cases causes a reaction in the general system of the bird

Better Place Your Order for Eggs from The BEST WHITE RUNNERS NOW

Our record at Madison Square, Augusta and Atlanta indicates the quality of our stock. It takes quality to win at these shows, where we won six out of a possible seven firsts, two seconds, one fourth and six specials. Mating List Free, ask for it. Eggs \$10.00 per twelve.

RENDOTTE FARM, P. O. Box 300, ATLANTA, GEORGIA

SILVER SPANGLED HAMBURG

Sly's Silver Spangled Hamburgs are invincible. Partridge Rocks from best blood lines in America. Stock and eggs for sale. Write your wants. Don't fail to send for mating list.

R. D. SLY for Hamburgs, CARL H. SLY for Partridge Rocks, WEST CLARKSFIELD, OHIO

Coe's Light Brahmas

An unparalleled record of 314 first and second prizes during the past three years. Quality birds fit for any show in this country.

CLAUDE E. COE, LEXINGTON, OHIO

Big Whites of Quality OHIO ORPINGTON YARDS Big Whites of Quality

I will send an extra setting of eggs with each order, for the rest of the season. A chance to get genuine English stock cheap. \$5.00 per setting.

C. F. LOUIS, Box 18-L, WARRENSVILLE, OHIO

Reepmeyer's Silver Laced Wyandottes Again Big Winners.

This season at Grand Central Palace on four entries we won First Cock, First Hen, Third Cockerel, First Pullet. Madison Square, 2nd Cockerel, 2nd Pullet. Last season at Philadelphia in the largest and best class of Silvers ever shown we won First Pullet. At Buffalo, N. Y., First Hen. These winnings stamp them champions. Eggs from these winners \$5 per 15. Book your orders now. Write J. REEPMAYER, Jr., CRAIG, Schenectady Co., N. Y.

Royal Scarlet Strain S. C.—RHODE ISLAND REDS—R. C.

Possess the type and color that places them among the leading strains of today. Winners at New York State Fair, Orangeburg and elsewhere. Stock and Eggs for sale.

J. C. BOYAN, Box W, NYACK, N. Y.

TERWILLIGER R. C. B. MINORCAS ARE EQUAL TO THE BEST.

After 18 years of careful breeding for egg producers, I have made 3 shows in 1911—9 entries, first show Westchester Fanciers Club, September 19-23; won 1, 2, 3 cock, 1, 2, 3 pullet and 2, 3 cockerel. Second Show, Grand Central Palace, New York, December 5-9, 1911, 5 entries, won 2 cock, 2 pullet and 1, 2 and special cockerel. Third Show at Peekskill, December 29, 1911-January 2, 9 entries won 1st cock, 1, 2 hen, 1, 2 pullet, 1 pen, 1, 3 and special cockerel. Cockerels \$5.00 to \$25.00. Eggs for hatching. Write G. W. TERWILLIGER, MILLWOOD, N. Y.

WHITE ORPINGTONS - WHITE ROCKS

INTERNATIONAL CHAMPIONS

Birds from my yards have won at Dairy and Palace Shows in England, also in New Zealand and at every big show in Canada. New York State Fair, 1911 and '12, ten firsts; Michigan Round Up Show five firsts, Madison Square, 1911, 1st, 2nd, 3rd, 5th and 6th. Birds sold on approval. Duty paid to United States.

HIGH WORTH POULTRY YARDS, LONDON, CANADA

FRED A. ANDREWES, Proprietor.

WHITE ROCKS AND PEKIN DUCKS

Our White Rocks are bred for utility as well as Standard points and are consistent winners at the large shows, including New York State Fair, Rochester, etc. A few choice cockerels and yearling hens for sale. Farm reared, healthy and vigorous, the paying kind.

Our Pekin Ducks are unexcelled for size and quality. Champion winners at New York State Fair, Grand Central Palace, Buffalo, Rochester, etc. Choice early hatched young stock for sale at reasonable prices. Write your wants. Our stock will please you

F. M. DODGE, Route W, FRANKFORT, N. Y.

HOUDANS "Worth While"

LATEST WINNINGS, 5 1sts; 4 2nds; 4 3rds., at recent Big Illinois State Fair. Orders for eggs and baby chicks booked now. 10 cents for instructive HOUDAN book.

DR. G. G. BILLMAN, Box D, EVANSVILLE, IND.

Royal Red S. C. Rhode Island Reds

Make the most sensational win at Chicago, 1912, winning four of a possible six first prizes or twice as many as all other exhibitors in the class.

My First Prize and Champion S. C. R. I. Red Pullet was one of the features of the show and was awarded Club Special for Best Colored Female.

My Royal Reds were easy winners of Association \$50.00 Cup for Best Display with almost as many points as all other competitors together.

Royal Reds won 1-3-4 Cock, 2-3 Hen, 1-2-3 Pullet, 2 Old Pen, 1 Young Pen and this winning will prove the greatest triumph of the present show season and proves beyond dispute that Royal Reds are one of America's leading strains.

I have over 1000 head of superb Quality stock for sale. Exceptional bargains in cocks, cockerels, hens and pullets. Winners for any show in America. Catalogue Free.

F. E. HARRISON, Box A, MENOMINEE, MICH.

which increases the resistance to this particular disease and then in turn the germs are destroyed and the lesions they produce rapidly heal. From this it is reasonable to suppose that the stronger the bird the better the reaction, and therefore, it is not to be expected that in one of the very worst cases, when the bird is very weak, not eating and suffocation imminent that any beneficial results would follow this treatment. Consequently it is advisable to begin treatment early and prevent them becoming so bad, as the latter stages of any infectious disease is always unsatisfactory to treat.

One injection is usually sufficient and improvement is noticeable in 3 to 4 days with recovery in a week or 10 days. Only in rare cases is a second dose required and if so, it must not be given until four or five days after the first one. In addition to this treatment a little nursing aids considerable and it is advisable to keep the sick ones in a comfortable place where they will be warm and dry and supply them with good feed.

Now in summing up all of this, it means that you have in roup a very contagious disease to contend with and all the ordinary methods of prevention used in contagious diseases of men or animals will apply to this one, and every effort should be made to prevent it by keeping away all sick birds and avoid bringing the infection on the premises with utensils, feed or eggs from infected places. Further, by preventative injections before exhibiting birds that are to be returned to the flock and by keeping in quarantine all newly acquired birds for at least ten days before allowing them with the flock, and if they show any symptoms of the disease it is best to dispose of them rather than take the chance of treating them on the premises as the infection is liable to be carried to the others.

T. C. BROWN'S BUFF WYANDOTTES

Attention of our readers is called to the advertising of T. C. Brown, North Adams, Mass., breeder of Buff Wyandottes. Mr. Brown has sent us some interesting photographs of his birds, showing that they have excellent type and style. Among them are a number of winners at eastern shows. He claims that his birds are famous winter layers and that "they have great vigor and vitality". Mr. Brown informs us that cockerels hatched June 18th, dressed on October 3rd, less than four months of age, average 4 lbs. and 7 oz. The chicks were fed nothing but cracked and whole corn; were given milk and have free range and plenty of clover. Mr. Brown says it pays to raise late chicks.

*** "The Leghorns" is the title of our newest book. Contains just the information that Leghorn breeders desire. Send one dollar for a copy***

THE UHL HATCHERY

The Uhl Hatchery, New Washington, Ohio, is one of the oldest if not the oldest hatchery in the business. They began hatching youngsters thirteen years ago and met with success from the start and each year they have been forced to make additions to their plant until today they have an incubator capacity of 150,000 eggs at one time.

Last season they hatched over 200,000 chicks so the reader may form an opinion of the enormous business that is carried on by them. Over twenty standard varieties of poultry are handled and chicks from any of these may be had at very remarkable prices. A catalogue describing stock and methods and also quoting prices may be had by dropping a card to M. Uhl & Co., New Washington, Ohio, and mentioning this paper.

HILLCREST'S S. C. BUFF LEGHORNS

Hillcrest Farm, North Gorham, Me., breeders of S. C. Buff Leghorns, have been making a great record in the show room. Among the shows where they have been during the season were Brockton, Mass., Mt. Holly, N. J., Holyoke, Mass., and Providence, R. I. At the latter show on two entries won 2nd cockerel and 4th pullet. S. D. Parsons, manager, informs us that he has some excellent young stock for sale at reasonable prices. Interested persons should look up their advertising elsewhere in this issue and write for prices.

BAILEY'S CHAMPION SINGLE COMB REDS

Winners at New York and Challenge Cup at Boston. Forty superb exhibition and breeding Cockerels for sale.

A. S. BAILEY,

COBALT, CONN.

WHITE ORPINGTONS

"OF THE BETTER SORT" ARE WHITE AND STAY WHITE

Get Right. That means White. The yellow, brassy White Orpington is out of date. Send for our White booklet, it contains some boiled down facts and sound reasoning. It's Free.

MOUNTAIN VIEW FARM, E. A. Haring, Prop.,

R. F. D. SOUTH KENT, CONN.

RELYEA ROSE AND SINGLE COMB REDS

Wonderful layers. Exhibition quality. All stock farm raised. Quality high—prices, low.

SUNNY BANK POULTRY FARM, Give us a trial if in need of stock or eggs. Address

ONEONTA, N. Y.

S. C. WHITE LEGHORNS

Breeders for Sale—Selected stock from my quality matings this season at cut prices.

OAK POULTRY YARDS, Paul C. Bork, Prop.,

Member A. P. A. and National S. C. White Leghorn Club,

AKRON, OHIO

CLOSING OUT SALE OF CLARK'S HOUDANS

I find it necessary to close out my entire stock of Houdans. I have spent 13 years of untiring effort in building up this strain of birds. Their record in the show room is a matter of history. They have been shown at Madison Square, Cleveland, Pittsburgh, Columbus, Toledo, Chicago, Kansas City and many smaller shows, and have won best display repeatedly. I am going to make prices attractive, considering the quality. Many of the birds would never be priced under any other circumstances.

SCOTT A. CLARK,

SULLIVAN, OHIO

COLUMBIAN WYANDOTTES

I have 500 fine utility, breeding and exhibition birds for sale. If your flock is weak in a certain section, why not write me for a male strong where they are weak. Prices reasonable and stock sent on approval. I line breed and trap nest the McIntosh Strain which is the oldest and best strain. Have just added another 250 capacity breeding house equipped with trap nests. Of a possible 29 firsts at six last showings I won 20 firsts. Send for special sale list of stock. It is free.

LEVI A. AYRES,

Box B,

GRANVILLE, N. Y.

MINORCA BREEDERS ATTENTION!

Having purchased from George W. Hey, the Celebrated George H. Northup stock of R. and S. C. Black Minorcas—1000 in number—and added it to our flock of nearly equal size and quality, we now offer exceptional bargains in high grade Exhibition and Utility Minorcas. A trial will convince you of the superiority of our stock. Catalogue and Special Sale Sheet FREE.

NEW YORK & NEW JERSEY POULTRY FARMS, Inc.,

MARCUS ALLEN NORTHUP, Mgr.,

Successors to Geo. H. Northup & Son,

R. F. D. No. 1,

ORANGEBURGH, N. Y.

EGG RECORD

AND

Account Book



An
Easily
Kept
Record
of
Profit
and
Loss

A simple, easy method for keeping correct account by the day, month and year of all expenses and income from eleven yards of fowls; also record of all eggs laid, set, or sold; chicks hatched, reared, sold, etc.; also record of orders as filled.

How much did you make last year?

This book was prepared to meet the need and demand for an accounting system whereby a breeder can rear poultry more intelligently as to profit and loss, and in its present form embraces the best of the systems employed by our most experienced poultry breeders.

The rapid sale of the several editions of this book and its universal approval by the poultry press and poultrymen is proof that it does the work for which it was designed.

Price, 25 Cents, Postpaid

A full year's subscription to AMERICAN POULTRY WORLD and one Account Book for 60 cents.

American Poultry Publishing Co.

Buffalo, N. Y.

THE ONTARIO SHOW AT GUELPH

By J. H. Drevenstedt

The leading winter show of Canada is "The Ontario" held at Guelph, in connection with the great live stock event "The Winter Fair", each year. The exhibition held December 9-13 proved to be the most successful one in the history of the Ontario Poultry Association, and William McNeil, the veteran poultry fancier, who is president of the Winter Fair, was all smiles when he saw the great number and fine quality of the birds penned. The judging began promptly at nine A. M. of the first day and was completed by noon of the second day, the judges having a number of very heavy classes to look over in their assignments, notably, the Barred Plymouth Rocks, White Wyandottes, Black Minorcas, White and Brown Leghorns, Buff Orpingtons and Game Bantams.

The single entries in the different breeds are as follows:

Plymouth Rocks 381, Wyandottes 454, Rhode Island Reds 163, Dominiques 10, Javas 22, Brahmas 37, Cochins 38, Langshans 31, Leghorns 369, Minorcas 188, Andalusians 39, Anconas 68, Spanish 17, Orpingtons 246, Dorkings 62, Houdans 47, Creve-Coeur 12, La Fleche 12, Polish 116, Hamburgs 106, Games 77, Cornish 19, Sumatra 11, Game Bantams 210, Ornamental Bantams 300, Turkeys 92, Geese 144, Ducks 156. Total 3,425.

H. P. Schwab placed the awards in all the Plymouth Rock classes and had plenty of hard work to do, notably in the Barred variety, with 93 cockerels to pick the winners from, but the blue ribbon winner showed his class, and was sold at a very handsome figure.

Geo. H. Burgott had some great classes to look over in the Brown Leghorns, and also found about as fine a string of Black Leghorns ever penned in this country. When Black Leghorns can be bred with greenish black plumage and possess nice yellow legs as well, such as many of the blacks at Guelph had, this handsome variety is bound to become very popular. It certainly deserves to be.

J. H. Minshall had about as fine class of Minorcas as we have seen in many years to judge, and was thoroughly at home with his old favorites. Anconas and Andalusians were also strong classes.

Richard Oke was in his glory awarding the prizes in the Orpington classes which were surprisingly strong in Buffs, the latter leading the Whites in numbers. The quality of the winners in all three varieties was of the best.

William McNeil was at home judging Polish and Ornamental Bantams, the little fellows making a great showing with 300 entries.

L. G. Jarvis had a great array of Turkeys, Ducks and Geese to handle and some of the winners in the latter, especially the Toulouse, were magnificent specimens.

James Glasgow had the hardest task of all to pick the winners in the unusually strong Game and Game Bantam classes, but they are his favorite and little or no fault was found with his decisions.

We had nearly two days' work out with 454 Wyandottes and 163 Reds to look over, the competition being unusually keen in most classes. The White Wyandottes were the star classes with 42 cocks, 54 hens, 51 cockerels and 58 pullets to select the winners from. It was the Canadian



Crown Bone Cutter

Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send today for catalogue. WILSON BROS., Box 825, Easton, Pa.

BEST MADE Lowest in Price

Quality R. C. Rhode Island Reds

My chicks are fine and better this year than ever before. Will have a fine lot to sell in December and January.

E. M. DUTTON, NEWFANE, N. Y.

GIES' WHITE WYANDOTTES

All my breeding stock, including winners at Albany, Schenectady, etc., very cheap.

A. J. GIES, Box A, DELMAR, N. Y.

Grand Clearance Sale We are offering at reduced prices for quick disposal Cocks, Hens, Cockerels and Pullets of our noted Black Orpingtons. Write at once if you wish to secure some of the best stock ever produced—our show record proves it. GIFFORD & WARREN, EAST WEYMOUTH, MASS.

Duston's White Wyandottes

The Acknowledged Leaders Win at leading shows in the most recent. Describe your wants and send for printed matter.

Arthur G. Duston, So. Framingham, Mass.

R. C. Black Minorcas Exclusively

WINNERS at all leading shows in America. Have won more 1st and 2nd at Madison Square Garden than any other exhibitor or breeder. Show and breeding stock for sale. Mention A. P. W. T. A. McKITTRICK, Hudson, N. Y.

S. C. BLACK MINORCAS

Moyer's Strain Are bred to lay eggs and win prizes. For 80c, 10 hens, 15 pullets, 1 cock and 10 cockerels at reasonable prices. Eggs \$5.00 per 15.

A. C. MOYER, WATFLOO, ONT.

Rhode Island Reds ROSE SINGLE

ESTABLISHED 1885

Harris' record-laying and prize-winning strain, have won at New York State shows, Chicago, Boston and Providence. Breeding and show room stock at reasonable prices. Eggs for hatching year around.

ELM POULTRY FARM,

W. S. HARRIS, Telephone 98-2, MANSFIELD, MASS.

More
than
merely
fine
grains



Fine grains make good chick feed; but fine grains become the *finest* chick feed only through *steam-cooking*.

H-O Steam-Cooked Chick Feed

is just what you need to turn your chicks into money-bringing poultry.

It is a carefully prepared mixture of Corn, Cut Oatmeal, Cracked Wheat, Kafir Corn, Peas and Millet—*steam-cooked* by a special process in our mill.

Try some with your next brood—you'll notice its superiority at once and it reduces the death rate.

Sold only in 10-lb., 25-lb., 50-lb. and 100-lb. bags, with tag showing guaranteed analysis.

If you cannot get H-O Steam-Cooked Chick Feed, Intermediate Scratch, Scratch Feed, Poultry Feed, Dry Poultry Mash or Chick Feed from your dealer, write for samples and prices.

JOHN J. CAMPBELL

General Sales Agent

HARTFORD, CONN.

The H-O Company Mills, Buffalo, N. Y.

White Wyandotte Club show which caused this splendid entry. The quality of the winners was of the very highest, fine color and size with typical shape being possessed by all. For evenness in quality, it was the best large exhibit of White Wyandottes we have ever handled.

The other Wyandottes varieties were well represented, the Silver Laced variety especially so, the first prize hen being the most perfectly laced Silver Wyandotte we have ever handled.

The Reds were strong classes, notably the Rose Comb variety, which seems to make more rapid progress in Canada than the Single Combed one.

The display of dressed poultry and eggs, thanks to Prof. Graham, was one of the great features of the winter fair.

THE NEW HAVEN SHOW

The eleventh annual exhibition of the West Haven Poultry Association was held in Music Hall, New Haven, Conn., on November 20 to 23rd inclusive. This up-to-date poultry association is conducted by true fanciers and hustlers. The cooping was done by Geo. W. Webb of Rochester, N. Y., and was satisfactory to all. The classes were of excellent quality and were well filled. The Rocks, White Wyandottes, White and Buff Orpingtons, S. C. White Leghorns, S. C. Brown Leghorns and Single and Rose Comb Rhode Island Reds were the leading classes. Competition was keen in the Red class. Payne Bros., of Portland, Conn., made one of the greatest "killings," winning every first but one, Mr. Prickett winning first cockerel on a very fine bird. Payne Bros. again scored on pens, winning 1st and 3rd, making their 20th straight win on pens. Their 1st pen Boston cockerel was at the head of first pen. He has developed into a wonderful bird. Many experts at the New Haven show conceded him to be the best R. C. Red male of the year.

H. P. Deming of Robertsville, Conn., won best display in the S. C. class, winning 1st with the best pen of S. C. I have seen out this year. It's doubtful if a better pen was ever shown in New England. Mr. Deming also exhibited a great hen, winning 1st with her. She was as good in color as any pullet in the show.

A. S. Bailey of Cobalt, Conn., also a strong contender and gave Mr. Deming a strong hustle for best display. 1st cock owned by Mr. Bailey was a magnificent bird. He also showed several great hens and a very fine pen. He has some very fine show cockerels for sale.

E. W. Phelps of Guilford, Conn., and proprietor of the Celebrated Firefly Farm, the home of one of the greatest strains of R. C. Brown Leghorns in the world, had it all his own way. His 1st prize R. C. Brown Leghorn cockerel was the very best shaped one I ever saw, approaching the very best S. C. White Leghorns in this respect. Mr. Phelps sells day old chicks and eggs for hatching.

Paul P. Ives, the Langshan expert and one of New England's most popular judges, has his hands full for the present as well as the future as he booked more shows this season than ever, being compelled to decline a number of engagements.

I congratulate the officers and members of the New Haven Poultry show on the great success of their attempt to hold their annual show at New Haven, Conn., and I predict for them, the distinction of holding the best show in New England outside of Boston.—Geo. W. Tracey.

COCKERELS AND PULLETS FOR SALE
R. C. Rhode Island Reds from Kaufmann & Windheim's Madison Square Garden Winners
S. C. White Orpingtons from Cook, Kellerstrass and Jackson stock. A few White Embden Geese from Madison Square winners. "Moderate prices and pleased customers" our slogan. Write us as these birds will be disposed of very shortly.
PARSONS'S POULTRY PLANT, AVON LAKE, OHIO

HOUDANS that win best display at Philadelphia and both New York Shows.

F. J. REVELEY, EAST HAVEN, CONN.

Eiden's S. C. BLACK MINORCAS
The Bird's with the Size, Type and Color
Cockerels and a few Choice Pens and Trios for sale, Order to-day.

JOE EIDEN, JEFFERSON, WISCONSIN

BUFF WYANDOTTES

Stock For Sale. HENRY R. INGALLS, Box 33, GREENVILLE, N. Y.

America's Best Silver Duckwing and S. C. Buff Leghorns
Will sell my 1912 breeders off in single, pairs, trios and pens to suit the buyer. Prices furnished on application and all orders entrusted to me will receive my personal supervision.

THOS. PEER, Sec'y-Treas. National S. C. Buff Leghorn Club. CALDWELL, N. J.

EASTERN STAR STRAIN S. C. REDS

Winners at Hagerstown, Syracuse and other big shows. I have never had a dissatisfied customer. Squareness keeps the Reds advancing. Write for prices on stock and eggs. Satisfaction or your money back is my motto.

L. W. MAXSON, Box W, SCRANTON, PA.

ROSE COMB REDS

Our matings are the strongest in our history, and we sell eggs from these matings without reserve at \$5.00 per 15.

Send for Catalogue. Address

Red Lion Poultry Yards, Jenkins & Park, Props., Chatham, Col. Co., N. Y.



ANDREWS' WHITE WYANDOTTES

Let me book you now for the Winter Shows. Will guarantee you a winner. Remember I hold the *World's Record*, having won at *Boston* the world's greatest White Wyandotte show, First and Second Cockerel 1910-11-12. First Pen Five Successive Years. Best Display 1911-12. Best Shaped Male 1910-11-12. Send For Catalogue.

J. W. ANDREWS, Box W, DIGHTON, MASS.

For Shipping Day-Old Chicks and Eggs Use the

Wright Box
THE RIGHT BOX

Ship your chicks and eggs in Wright Boxes. They cut down shipping costs; guarantee safe arrival; please the customer; bring more business. Simple, safe, strong as steel. Save time, labor and money.



WRIGHT DAY-OLD CHICK BOX

Patented Dec. 31, 1912.

Made of double reinforced corrugated board. New ventilating device permits adjustment for hot and cold weather. Keen's clunks perfectly on longest journeys. Easily put together. Absolute sale.

PRICES PER DOZEN

25 chick capacity \$1.40
50 chick capacity 2.00
100 chick capacity 3.00

THE WRIGHT HATCHING EGG BOX

New design, different principles. Strongest egg box made. Separate cell for each egg. No slipping or jarring after packing. Will save the price in a short time on eggs received unbroken. Light, simple, easily and quickly packed. Packed in dozen lots, knocked down.

PRICES PER DOZEN

15 egg capacity . \$1.95
30 egg capacity . 2.50
50 egg capacity . \$3.00
100 egg capacity . 4.00

THE WRIGHT MAILING EGG BOX

Especially designed for mailing eggs under the new Parcels Post Act. Guaranteed to carry eggs safely through the mails. Poultrymen will make money selling eggs by mail. The Wright Mailing Box solves the problem. Write for special booklet on this egg mailing device.

PRICES PER DOZEN

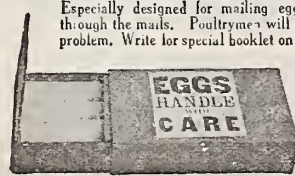
1 doz. egg cap'ty \$0.75 2 doz. egg cap'ty \$1.00

Illustrated Booklet Sent Free

Every poultryman who ships eggs or chicks should send for our free booklet. It will save money on shipping. Write today.

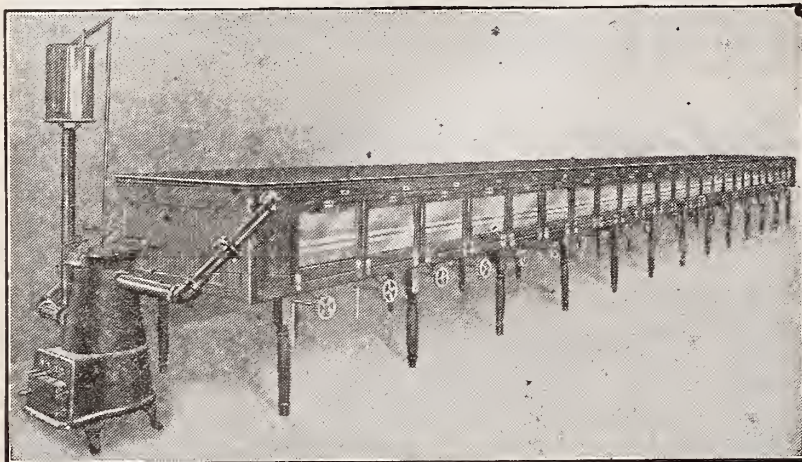
TIWACANA M'FG CO.

Box 60, FARMINGDALE, L. I., N. Y. TRADE MARK



AMERICAN MADE INCUBATORS ABROAD

That foreign poultrymen look upon American made incubators with favor



A NEWTOWN GIANT INCUBATOR READY FOR OPERATION.

is amply demonstrated by the large exportations of these machines made yearly. The latest development along this line is the purchase by A. Fels, Standen, Sussex, England, of two 6,000 egg capacity Newtown Giant Incubators and five Newtown Giant Brooding Systems of 20 hovers each. Mr. Fels, who is the owner of a 700-acre farm and one of England's largest poultry breeders, decided on the Newtown equipment after careful investigation, which occupied about one month's time, which was spent in visiting leading American plants.

Naturally the Newtown people feel highly elated with this order as they confidently believe it is to be the forerunner of much foreign patronage. There is no denying the fact that the mammoth incubator has come to stay and is bound to form part of the regular equipment of the leading poultry plants in the future. Poultry breeders who desire to minimize the item of labor and other expenses connected with hatching operations will do well to investigate the merits of these mammoth machines.

The Newtown people make many claims of superiority for their equipment and these claims are fully set forth in their catalogue, which will be mailed free to all interested readers if they will address a card to the Newtown Producing Co., Box P. H., Newtown, Pa.

THE AJAX OXYGEN VITALIZER

Attention is called to the advertising of the Reliable Poultry Specialty Co., Alexander, N. Y., on page 3 of this issue of AMERICAN POULTRY WORLD. This company is the manufacturer of the Ajax Oxygen Vitalizer, an attachment for incubators that is calculated to supply the proper amount of Oxygen to the embryo chick as it develops during the period of incubation. They claim that the Oxygen Vitalizer will produce a strong, vigorous chick from every good egg placed in the incubator; also that chicks hatched under Oxygen treatment are practically immune from attacks of white diarrhoea, and to substantiate the claims set forth for the Vitalizer they publish in their advertisement a sworn statement of results secured by Mrs. F. J. Russell of Summerdale, N. Y., during the season of 1912. This record is a most remarkable one, particularly when we take into consideration the poor hatching season of 1912.

That the Reliable Poultry Specialty Co. have the fullest confidence in their Oxygen Vitalizer is evident by the money-back guarantee under which the appliance is sold. In a recent letter from the company they make it very plain that where the instructions given by them for the operation of the Vitalizer are followed, they guarantee it to give satisfaction or refund the purchase price. The Vitalizer is so simple that it can be operated by any-

one and can be attached to an incubator in the space of a few minutes.

If interested in increasing your hatching percentages, drop a card to the Reliable Poultry Specialty Co., Main

St., Alexander, N. Y., and they will send you full information regarding the price and the use of the Vitalizer.

BUFF ORPINGTONS

BROAD AND DEEP, HEAVY LAYING STRAIN
YOUNG STOCK WELL MATURED.

E. L. GROVE,

MEADVILLE, PA.

SOMETHING TO CROW ABOUT

"HEN-E-TA"

About 30% Tri-Calcium Phosphate
Popularly Called **BONE ASH**

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED
NO MORE BEEF-SCRAPS NEEDED
NO MORE CHARCOAL NEEDED
NO MORE OYSTERSHELLS NEEDED

WILL MAKE HENS LAY. CHICKS GROW. DOORLESS BOOKLET FREE

Balanced Ration Formulas Free

If you will give us your dealers name and address.

HEN-E-TA BONE CO.

NEWARK N.J. 19017. W. F. EMINENT W.M.A.

SALE OF S. C. WHITE LEGHORNS

McAlpin and Cleveland Strains

Must dispose of 300 yearlings at \$1.00. 350 pullets from 75 cents to \$1.25 to make room. All stock farm raised. 100 Acres devoted to the Leghorn. Address

ORCHARD GROVE FARM,

EAST SCHODACK, N. Y.

REDS

Two pens of each Rose and Single Comb Reds. Mated up about February 1st and circular out same time. Rose Combs this year pure L. W. Bean Stock. No females left for sale and only a few males.

BOTH COMBS

DR. H. E. CHESEBROUGH,

GREENWICH, N. Y.

Summer Sale of Blink Bonnie S. C. White and S. C. Buff Leghorns

Note the prices. A fine lot of two year old breeders at 75 cents each. Choice yearling breeders at 1.00 each. Also a few cockerels at \$3.00 each. Order direct from this "Ad". First come first served.

Scotch Collies for Sale.

BLINK BONNIE POULTRY YARDS,

Box W,

BATH, PA.

BUFF WYANDOTTES

150 Cockerels and Pullets at Utility prices. WRITE TODAY.

T. C. BROWN,

NORTH ADAMS, MASS.

S. C. REDS EXCLUSIVELY

Eggs from four select exhibition pens \$5.00 per setting.

FRED W. BUTLER,

R. F. D. No. 1, Box 50,

LINWORTH, OHIO

"PERFECTION" STRAIN S. C. BROWN LEGHORNS EXCLUSIVELY

At New York State Fair:—1st, 2nd, 5th hens, three entered, class of 11.

1st and 3rd cock birds, two entered class of 10.

1st pullet, one entered, class of 11.

2nd cockerel, class of 10.

1st pen old, 1st pen young, 1 pen each entered, class of 7 & 5 pens.

Best display, also best display at Tr. y. N. Y., Sept. 5th. Some exceptionally fine cockerels for sale.

Will furnish guaranteed winners. Write me stating your needs.

WM. REEPMEYER,

P. O. Box 60,

COHOES, N. Y.

BUFF PLYMOUTH ROCKS

Winning—First Cockerel, Third and Fifth Hens, Special for best Buff Plymouth Rock Male at Hagerstown, Md., October, 1912.

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RALEIGH, N. C.

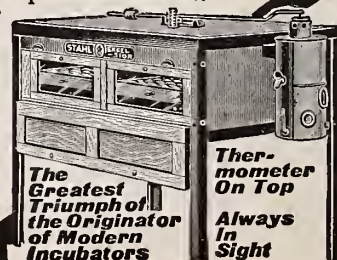
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How it has made big money for others, how it will make big money for you. My incubator is years ahead of all others and has many patented improvements that make it the simplest, safest, surest, most economical and most durable hatcher on the market. You can make handsome profits with my incubator and I can prove it to you. Write today.

GEO. H. STAHL, 219 Oak St., Quincy, Ill.



QUESTIONS AND ANSWERS

EDITORIAL NOTE—This department will be devoted to answers to questions of general interest on practical poultry topics asked by subscribers and addressed to Editorial Department, AMERICAN POULTRY PUBLISHING COMPANY, Stafford Bldg., Buffalo, N. Y. Answers in this department are free of charge. Where two or more persons ask substantially the same questions, only one answer will be given. In asking questions try to send full information. The subscriber's name and address must be given [not for publication]. If a reply by mail is desired, be sure to enclose stamped addressed envelope.

MARKET FOR EGGS

Q. Will you kindly tell me in what way I would go to work to find a market for fresh eggs? We live in a small country town where the stores are the only places to dispose of them. Am only starting in the business of keeping hens. Your paper, or rather magazine has been a great help to me. C. F. N., N. Y.

A. If you have a quantity to dispose of that would make it an object, I would advise that you interview the steward of the leading hotel in your nearest city. If you can promise a regular supply you can probably arrange to dispose of them at an advance over current quotations at all seasons. Private families in the larger towns also make a good outlet for fresh eggs, as they are always anxious to secure high grade eggs for table purposes. A little investigation along this line on your part should open many channels for the disposition of your eggs.

BIRD LACKS VIGOR

Q. I have a Barred Rock cockerel hatched in March that is of a large type and eats well, but is poor. He does not seem to have any vigor, his comb has not developed, at times he is weak on his legs. I have birds much younger that have large combs and weigh 8½ lbs. while he only weighs 5½ lbs. I feed Park & Pollard and Eaton's feeds, bone and beef scrap twice a week, sour milk once a week. I would like to know something that will bring him around fast for he is a great bird in marking and I would like to show him in January. He is the only one in my whole flock that is like that. He has free range and plenty of green stuff. F. F. P., New York.

A. It often happens that one or more individuals in a brood of chickens show signs of poor vitality. This may be due to any one of several causes, viz: a lack of vigor in parent stock, improper incubation or brooding, chilling, etc., or the lack of condition in the individual may be caused from vermin. A careful examination should determine if the latter is the cause, if so a thorough dusting with a good lice powder at intervals of five days should remove the cause and the bird will soon show indications of improvement. I am under the impression, however, that lack of vigor in this case comes from some hereditary influence and that it would be a

waste of time to try to better his condition as in cases of this kind, the bird would never be fit for breeding purposes.

PULLETS DO NOT LAY

Q. I have one hundred R. I. Red pullets which I have not succeeded in inducing to lay so far this fall. Up in this country (North Central Washington) we have moderately cold winters and corn is very scarce, wheat, oats and barley are abundant and we can get bran and shorts readily, but corn meal is out of the question. A little corn can be gotten and cracklings (remainder after rendering lard) are available and plenty of skim milk or buttermilk. We have an abundance of mangels and potatoes and other vegetables also. If you could give me a laying ration from these grains I would be grateful, also some idea as to the amount to be fed. P. W. B., Washington.

A. The correspondent does not give the age of his pullets nor their apparent condition so am unable to determine if the birds have reached laying maturity. Taking it for grant-

"OCULUM"

is a "wonder working" poultry remedy. It cures Cholera, Roup, White Diarrhoea and Canker in its worst form; increases egg yield 20 per cent.; grows the finest chickens you ever saw; grows your poultry trouble 50 per cent. So confident are we of the merits of "Oculum," that we believe any honest poultry raiser will pay us "when he knows it does the work." At your dealers or if you prefer cut out this ad. today and send to us and we will trust you to do right by us.

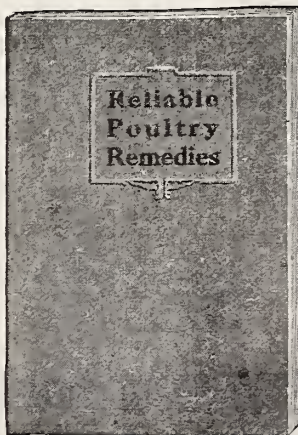
THE HANCOCK INOCULATUM CO., Inc.,

Box Q,

SALEM, VIRGINIA

Please send me a 50c-\$1.00 bottle of "Oculum". I will test it fifteen days; if satisfied will pay you; if not will return what I have not used.

Name..... Address.....



84 pages, 6 by 9

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Breeds the Best Columbian Wyandottes. We have won at Madison Square Garden and other important shows. Some splendid Show Birds for sale.

HORSESHOE POULTRY YARDS. Fred Minch, Prop., Hicksville, N. Y.

Barred Rocks Neafie Bros. White Rocks

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We have egg orders hooked from some of the largest and oldest breeders in America. Another convincing fact.

Some fine stock for sale. We raise all our winners.

Neafie Bros., Drawer N-1, Spring Lake Beach, N. J.

WHITE WYANDOTTES EXCLUSIVELY

I have a few breeders for sale.

Eggs for hatching, \$2 per sitting. Circular.

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Every poultryman in America should grow sunflowers for two reasons, shade and feed. The Mammoth Russian, largest of all varieties, showy and most profitable to grow in the poultry yard or garden. We offer select seed, clean and good, of this wonderful Sunflower, one pound, 25 cents, postpaid. With every 25 cent order we will include free a copy of the latest issue of

GOOD POULTRY

a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10c a copy; 25 cents a year. Copy free with every 25c order for Sunflower seed. Every poultryman needs it. Agents wanted, write today, SHOREWOOD FARMS CO., Saugetuck, Michigan City Office — 11 N. Market Street, Chicago, Illinois

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CONKEY would like to hear from poultry raisers everywhere who dread loss from ROUP. Your money back if Conkey's Roup Remedy EVER fails you. Many breeders use it as a PREVENTIVE. Price 50c and \$1.00. All dealers or sent direct. Get this NOW.

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The G. E. Conkey Co., Dept. 109

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How to Prevent and Cure Disease

A Poultryman's Hand Book of Tried and Proved Remedies for the Diseases of Poultry. It describes in simple language the symptoms of the various diseases and tells what remedies will give best results under different conditions.

The Chapters are: Requisites for Health; Head, Throat and Lungs; Intestines and Crop; The Abdomen; Legs and Feet; The Skin; Parasites; Objectionable Habits. Send for complete list of our publications.

Price 25 Cents, Postpaid

60 Cents, Including a Year's Subscription to American Poultry World

ed that they have, will suggest that you make a grain ration of the available grains as follows: 60 lbs. wheat, 15 lbs. oats, 15 lbs. barley. Feed a small handful of this in the morning and a full handful evenings in deep litter for each bird. For a mash ration to be fed moist or kept before them dry at all times the following: 100 lbs. bran, 100 lbs. shorts, 100 lbs. ground oats and 50 lbs. cracklings. Give green food in the form of vegetables or sprouted oats every other day and if a regular supply of milk can be had substitute this for water for drinking purposes. If this is done the drinking fountain should be scalded frequently to insure cleanliness. If the mash is fed moist the milk could also be used to mix it with. Would prefer to feed this at noon and give only such a quantity as the fowls would clean up in fifteen or twenty minutes.

PRESERVING EGGS

Q. Being a subscriber to your valuable journal, would ask you to kindly describe the water-glass method of storing eggs. F. W. E., New York.

A. The water-glass method of preserving eggs has after extensive experiments been declared to be the best method for those who desire to store small quantities of eggs. The success of the method depends as much upon the care used in the preparation of the solution as upon the condition of the eggs to be stored. Therefore, all eggs should be strictly fresh, absolutely clean and free from cracks or checks and the water with which the water glass solution is to be made should be thoroughly boiled. Different authorities vary somewhat in the amount of water glass to be used, but it is generally conceded that one part water glass to nine parts water is about right. Weaker solutions are said to give satisfactory results and one authority states that the best results have been secured with a solution of the strength of 1 to 39. Earthenware receptacles are recommended and a

cellar possessing a dry cool temperature is to be preferred as a place of storage.

PULLETS DON'T LAY

Q. I have 150 White Leghorn chickens which have moulted out early this season. They are in good condition and hustling and singing all the time, but they don't lay. I feed them corn on the cob in the morning and in the evening a variety of grains. What do you recommend to make them lay? P. S. K., Penna.

A. Your method of feeding is undoubtedly at fault as your ration is not one that would induce hens to lay at this season of the year. I would suggest that you provide a good mash mixture and would recommend any one of the several advertised in these columns. Also supply animal food in some form to take the place of the bugs and worms that the birds secure during the open season when on range. Beef scraps are a convenient form, or if green cut bone can be secured regularly, it may be supplied. Green food in some form should also be given. Mangels, cabbage, etc., will answer. I would also advise a change in the grain ration and would give a light feed of the mixed grains in the morning and a full feed in the evening, this should be fed in deep litter to induce exercise, also supply mash as mentioned, which may be kept before the fowls at all times in hoppers that are easily constructed at home or it may be fed moist at noon time.

VERTIGO

Q. What ails a one year old R. I. Red hen, is she curable or should she be killed? Symptoms are as follows: About four weeks ago, I noticed she laid her head back flat on her back in order to drink, two weeks ago, neck twisted to one side, later became so bad that at times head was exactly upside down, causing much confusion in movement that she would turn around and around, finding difficulty in moving about and in eating. Head

* * * All varieties of water fowl described in the book "Ducks and Geese," seventy-five cents per copy postpaid * * *

Champion Black Orpingtons

EGGS AND STOCK.

JAMES H. STAIR,

AKRON, OHIO



Belle Brand Crushed Oyster Shells

Make Poultry PAY!

Tests show where these shells have been used—duration of test 22 days—number of eggs, 33; weight of eggs, 1489.6 grammes.

Where Sharp Grits were fed—test 22 days—number of eggs, 6; weight of eggs, 257.6 grammes. This is convincing argument why every poultry house or yard should have them. They'll make hens lay an egg a day, with firm, hard shell—less liable to break in shipment.

Belle Brand Crushed Oyster Shells supply Carbonate of Lime in natural form and acts as a grit, making them superior to any other poultry food on the market. Write for Free Catalogue to **LOUIS GREBB, BALTIMORE, MD.**

ROUP

Chicken Pox, Canker or Colds can be prevented and cured by one hypodermic dose of

ROUP TOXIN

Show birds can be completely protected from this disease so common at all shows. Easily administered. No bad effects. Price, 15 cents a dose; over 50 doses, 12½ cents. Quantities at reduced price. Cash with order. Syringe can be supplied for 75 cents. Full directions supplied.

Ohio Serum & Vaccine Co.

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aims to be, and is the most interesting and best illustrated poultry journal published. No other poultry magazine furnishes the amount and quality of reading matter that so helps the amateur and professional poultry keeper. It brings "the news," and dependable information to every class of poultry keepers. It is pre-eminently America's leading poultry publication. Price 50 cents per year.

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The best known poultry magazine of this country, Grant M. Curtis, Editor, is "in a Class by Itself." Each number contains 86 to 224 pages, and is filled with instructive articles by the successful money-making breeders of this and other countries. Illustrated by F. L. Sewell and I. W. Burgess. Price 50 cents per year.

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one of the best known and most widely read of all Poultry Journals. C. C. DePuy, Syracuse, N. Y., is editor and publisher, is devoted to the interest of both fanciers and practical poultrymen. It is authoritative and helpful in all branches of poultry work, from the hatching and rearing of chicks to the maturing of fowls for show room and market. Subscription price, 50 cents per year.

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AMERICAN POULTRY PUBLISHING CO.,

BUFFALO, N. Y.



not immovable at any time. Is in the midst of moulting, does not appear to be sick, but is thin and ragged looking. Thanking you for a prompt reply, am, Mrs. C. M. G., Colorado.

A. The above symptoms would seem to indicate that this hen has a well developed case of vertigo, and the better course to pursue would be to kill her at once. This trouble is caused by congestion of blood in the brain and this condition may be brought about by blows on the head, sudden fright or other intense excitement. It is often associated with a diseased condition of other organs and may appear as a complication with other diseases. As a treatment to give immediate relief, the application of cold water to the head is recommended. Confine the bird in a cool, quiet place and give 30 grains Epsom salts in water or two teaspoonsful of castor oil.

TO DISTINGUISH DRAKE FROM DUCK

Q. I have a flock of Pekin Ducks fifteen weeks old that average six pounds each. I wish to select the best ones for breeders, but am at a loss to distinguish the ducks from the drakes. How can this be done? H. W. G., Wis.

A. By observing them carefully you will note that the males have larger and coarser heads and necks than the females. The "quack" of the duck is also more pronounced and is of a coarser note than that of the drake. The main distinguishing feature should be the curl at the base of the tail on all of the males.

WHITE PLYMOUTH ROCK YEAR BOOK

The 1912-13 Year Book of the White Plymouth Rock Club is in the mails. This book comes closer to doing the club and the splendid breed to which it acts as sponsor full credit than any other publication ever issued by the club.

Handsomely bound, printed upon excellent coated paper, with half tones, that stand out boldly from the page, having some dozen contributors and most eminent authorities on the care and breeding of the Plymouth Rocks. It is a work of reference that should be on the desk or reading table in every home where there lives a poultry keeper, who loves this variety.

From the beginner to the advanced student, there is something to interest and instruct all. The work of the club, dates of the 1912-13 meetings, complete list of all members, various other items of interest on the breed and the club are contained in this volume. It is an encyclopedia on the White Plymouth Rocks.

This book is not sold but is given to every one interested in the White Plymouth Rock Club, providing that they become members of the club, the dues of which are one dollar a year.

Further information about this book or the handsome ribbons and cups given by the club for both fancy and utility, will be cheerfully furnished by the secretary, C. W. Whitney, Southboro, Mass.

WHITE ORPINGTONS FOR SALE

Col. J. F. Cohoe, Welland, Ontario, is advertising White Orpingtons for sale in this issue and also informs us that his entire flock is for sale, including the following winners of this year: 1st cockerel, Toronto and Syracuse; 1st hen and 3rd pullet, Toronto; first hen, 2nd pullet and 4th cockerel at "The Ontario" Guelph show.

CHANGE OF ADDRESS

McKee's White Orpington Yards of Brush Creek, Tenn., wish us to announce that their Rural Delivery is changed from Brush Creek, Tenn., to Watertown, Tenn., Route 1, where all correspondence should be addressed.

McKee has made two more shows since the last issue of A. P. W. went to press. He won at Hartsville, 1, 2, 3 cockerel; 1, 2, 3 cock; 1, 2, 3 pullet; 1, 2, 3 hen; 1, 2, 3 pen; silver cup for best pen White Orpingtons; special for best display in show.

At Cleveland he won 1 and 2 cockerel; 1 and 2 pullet; 1 and 2 hen; 1 and 2 cock; 1 and 2 pen.

This proves their quality. Look up his ad. He is giving away \$150 in gold. Write him today, he has the quality of the stay white kind.

EDGEMONT FARM WINS AT CHICAGO

Edgemont Farm, W. O. Chase, Prop., Hillsboro, Ill., breeders of R. & S. C. Black Minorcas and R. C. Brown Leghorns, demonstrated the quality of the Edgemont stock at the recent Chicago show by winning a total of 20 regular prizes as follows:—7 firsts, 6 seconds, 3 thirds, 1 fourth and 3 fifths, which comes pretty near being a lion's share of the prizes. We are advised that he has 1000 head of stock for disposal, many of them closely related to the above winners.

This stock is all described in a very attractive 30 page catalogue, that will be sent to interested parties upon receipt of 10 cents in stamps to help defray cost of mailing.

FINE PRINTING

One of the most essential things for the poultryman is first class printed matter and neatly printed stationery often exerts a great influence with the prospective customer. In this connection we wish to call attention to the advertisement of J. A. Swartz, Chicago Junction, Ohio, who becomes an annual advertiser with this issue of A. P. W.

Mr. Swartz is prepared to quickly execute any work entrusted to him and will give his personal attention to all inquiries and estimates for work. If in need of printing, write him for prices.

WHITING'S ROUPENE

In a recent letter from M. W. Whiting, East Orange, N. J., manufacturer of Roupene, he advises that his remedy is fulfilling all claims made for it and that it is making new friends every day. To illustrate what it is doing he incloses the following testimonial:

"St. Bernard, Cullman Co., Ala., Nov. 17, 1912.

"Gentlemen:—I received a bottle of 'Roupene' some time ago and am pleased to testify that it is a good remedy. Kindly send me another bottle of Whiting's Roupene as well as a bottle of Whiting's White Diarrhoea Remedy. Inclosed find one dollar in stamps.

"Brother Aemilian."

NORTHEASTERN POULTRY & PET STOCK ASS'N.

Green Bay, Wis., Show, to be held at Turner Hall, Jan. 30-31; Feb. 1, 2, 3, 1913. Judges, J. B. Johnston, P. J. Baum, Fred Collard, F. Van Ermen, Secretary.

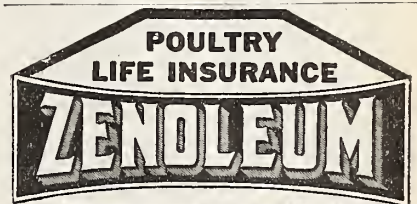
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Every Convenience; 28 Acres in the Garden Spot of Montana. Write.

H. S. Milbank,

Kalispell, Mont.



KILLS LICE AND MITES

DISINFECTS the Hen House, Brooder and Incubator. CURES Roup, Scaleg Leg, Canker, Cholera, etc. PREVENTS White Diarrhoea.

Sold by most live Dealers. Ask your Druggist, Poultry Supply Man, Hardware or Feed Store.

Great Book, "CHICKEN CHAT," Free if you ask for it.

THE ZENNER DISINFECTANT CO.

270 LAFAYETTE AVENUE, DETROIT, MICH.

Crystal S. C. White Leghorns

Best S. C. White Leghorn male, silver cup for best male in Mediterranean class. White Leghorns have it. A few cockerels to spare. Egg orders now being booked. CRYSTAL POULTRY FARM, B. H. Johnson, Prop., BLOOMSBURG, PA.

Red Quality Poultry Yards

ROSE AND S. C. R. I. REDS

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At big Camden Show won Best Display on S. Combs, First Cockerel one entry on R. C. won 6 Blues on R. and S. C. Reds at Big Northampton County Fanciers Show Stock and Eggs for sale.

A Square Deal Our motto. Address

Chas. G. Ziegenfuss, Manager,

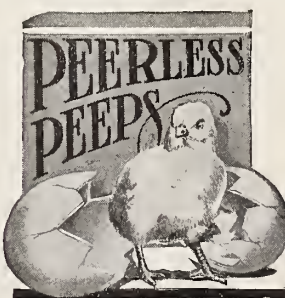
Bethlehem, Penna.

White Wyandottes

Exhibition and Utility Stock for sale, all farm raised under ideal conditions. Eggs for hatching from 10 pens of grand stay White Birds. The male heading each pen has won in hot competition.

Ernest H. Beardmon,

Seymour, Conn.



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Pure Strain, Heavy Laying White Leghorn Stock.

Bred from selected, trap-nested layers. Every one of our breeders must have a record of 175 eggs—most are 200 egg birds. Hatched in hot water mammoth machines, in perfectly equipped fan-ventilated cellar. Careful attention and sure methods assure uniform hatching conditions.

Shipped in absolutely safe carriers. Carefully inspected and packed before leaving. Full count; no weaklings.

You can buy Baby Chicks cheaper than you can hatch them, and you get stronger chicks, purer strain, better results all round if you buy PEERLESS FARMS BABY CHICKS. Place your order today.

Our methods, equipment, stock and prices are fully described in our illustrated folder. Send for copy today. It is FREE.

The Peerless Farms,

A. I. Rosbrook, Prop.

R. F. D. 5

Northport, Long Island, N. Y.

A BIG INCUBATOR BARGAIN

The old reliable Prairie State Incubator Company who have been making incubators for 30 years have just completed one of the largest and best equipped factories in the world.

This mammoth new plant covers 7½ acres of ground, and has been one and a half years under construction. Hand labor and "saw and hatchet" methods are eliminated entirely. Powerful machines do the work in a few minutes that it formerly took dozens of high priced workmen to perform. Every incubator turned out is exactly like every other incubator of that pattern. Nothing is left to be guessed at. In buying a Prairie State Incubator every customer has the assurance that his machine is as near perfect as the most modern equipment and 30 years of successful experience can make it.

It is the ambition of the Prairie State Company to accomplish just two things: First—Make the best machines in the world, and Second—Reduce the cost of manufacture so that it can be sold at a reasonably low figure. That they have succeeded and as evidence of this just read their half page announcement on page 8 in which they offer a high grade, 60 egg Keystone incubator for the low price of \$8.00.

They also publish a 112 page book on artificial rearing of poultry which contains much valuable information for the poultry expert or novice. This book contains chapters on Breeds, Selection of Layers, How to Feed Layers, How to Fatten and Feed Chicks, How to Raise Ducks, Poultry Buildings, Winter Laying Houses, etc. It also explains the principles of successful incubation which has made the Prairie State Incubator famous. A copy of this book will be sent FREE to anyone who writes for it. Address Prairie State Incubator Co., 52 Main St., Homer City, Penna.

SEAMAN & BOGERT REDS ARE WINNERS

E. W. Bogert of Seaman & Bogert, Port Washington, N. Y., writes: "We have made only two shows this season and will not make any more as we have sold about all the females we can spare, had over 3,000 to pick from in the early fall, but we can spare about 200 choice cockerels. We will not have any utility chicks to sell as we have an order for 12,000."

This not only proves the great popularity of the Reds, but also proves the value of breeding only the best of stock and making and keeping a reputation for fair dealing. Seaman & Bogert will mate up 20 choice pens of Single and Rose Comb Reds for 1913, and will sell eggs at \$1.00 each, chicks at \$2.00 each. Their winnings this season are: Mineola, N. Y., September 24 to 28, 1912:

ROSE COMB

Cock, 1st, 3rd, shape special; hen, 1st, 2nd, shape and color; cockerels, 1st and 2nd; pullets, 2nd and 4th; old pen, 1st; young pen, 1st.

SINGLE COMB

Cock, 1st and 2nd, color special; hens, 1st and 2nd, shape special; cockerels, 1st and 4th, shape special; pullets, 1st and 3rd, color special; old pen, 1st; young pen, 1st; silver cup, best display Rhode Island Reds; silver cup, best display in show.

Yonkers, N. Y., November 21-23, 1912:

ROSE COMB

Cock, 1st, shape and color; hens, 1st and 2nd, shape and color; cockerels, 1st and 3rd; pullets, 1st and 2nd; pen, 1st.

SINGLE COMB

Cock, 1st and 3rd, shape and color; hens, 1st and 2nd, shape and color; cockerels, 1st and 3rd; pullets, 2nd; pen, 1st.

Six silver cups and all other specials on Reds.

*** The beginner cannot afford to be without a copy of the "Chick Book". In it America's most successful poultrymen give their experience. Send fifty cents for a copy. It may save you dollars ***

CLASSIFIED ADS.

RATES:—Classified advertisements will be inserted in this department of AMERICAN POULTRY WORLD at 5 cents a word per month for one or two months, or at 4 cents a word per month for three or more months. Change of copy allowed quarterly without extra cost. No order accepted for less than 50 cents for each insertion. Numbers, initials and abbreviations count as words. No display allowed other than initial word or name.

TERMS:—Cash with order and copy of advertisement. Positively no exceptions to this rule. Please count the words correctly to avoid delay in publishing. Write copy of your advertisement plainly to insure its appearing correctly. Copy must reach AMERICAN POULTRY WORLD office by 18th of the month preceding date of issue.

AMERICAN POULTRY WORLD is furnished every classified advertiser without charge during the time his advertisement appears in these columns.

We guarantee to publish an average monthly circulation of 45,000 copies during the year ending with April, 1913.

"BECOME IDENTIFIED WITH A WINNER."

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SHEPPARD'S FAMOUS ANCONAS. The world's best. Single or Rose Comb. First at world's greatest shows, including London, England, Madison Square and Cleveland. Greatest egg record—256 average. Catalogue Free. Cecil Sheppard, Box X, Berea, Ohio. President Ancona Club. 7-2-3

SINGLE COMB. some fine birds for sale, in young and old breeders, both males and females, correct type, color, comb and size. Orders booked now for hatching eggs for early spring delivery. Geo. C. Schwegman, Richmond, Ind. 3-2-3

ANDALUSIANS

ROSE COMB BLUE ANDALUSIANS Stock and Eggs for sale. Joseph Roehrig, Maspeth, Long Island. 4-4-3

BANTAMS

The **PAINE STRAIN OF BLACK COCHIN** and **LIGHT BRAHMA BANTAMS** have won highest honors at America's largest shows. Try them and Win too. A. I. Paine, Whitman, Mass. tf

BANTAMS: Fancy, Classy Stock. Send 2 cent stamp for Circular. A. A. Fenn, Box 44, Delavan, Wisc. 6-6-3

LIGHT BRAHMA BANTAMS. J. Hart Welch, Box W., Douglaston, Long Island, N. Y. 6-3-3

BANTAM SPECIALIST. Buff, Black, Partridge Cochins and Light Brahmas. I ship on approval—Circular Free. Geo. C. Salmon, Port Dickinson, N. Y. tf

RARE BARGAINS—Golden and Silver Sebright, Buff, Black, White and Partridge Cochins, Rose Comb Black, Red Pyle and Black Red Game Bantams, 1000 Birds. Proper & Son, Schoharie, N. Y. 12-7-13

GRAND GAME BANTAMS for immediate disposal. Must be sold. Prices reasonable. W. H. Congdon, Oak Lawn, R. I. 3-1-3

BANTAMS—"Classy" Red Pyles, bred from best imported and home bred birds. Also Black Cochins Bants. Usually have a choice few to spare. Eggs in season. "Zim," Gloversville, N. Y. 3-2-3

WHITE COCHIN BANTAMS—Circular free. W. R. Hobbie, 532 Court, Kankakee, Ill. tf

ROSE COMBS BLACK BANTAMS, show birds for sale. Evalena Witbeck, Burnt Hills, N. Y. 3-2-3

"MOHAWK" STRAINS SUPERIOR. Black, Reds, Silver Duckwings, Red Pyle Game, Partridge and Buff Cochins. Shipped on approval, EGGS. Mohawk Bantam Yards, Box H, Schenectady, N. Y. 3-3-3

BANTAMS—34 varieties. Stock for Sale. Egg orders booked. Send 2c stamp for circular. A. A. Fenn, Box 44, Delavan, Wisc. 6-6-3

BLACK, BUFF and WHITE COCHIN and GOLDEN SEABRIGHT BANTAMS. Choice stock for sale. Minsi Trail Bantam Yards, Bethlehem, Pa. 4-3-3

BRAHMAS

LIGHT BRAHMAS. Ours win and lay. S. S. Newton, Ballston Spa., N. Y. 3-2-3

GIANT LAY AND WEIGH STRAIN. Light Brahma cockerels, Extraordinary beauties \$5 and \$8 each. M. H. Nolan, Stratford, Conn. 6-6-3

BUCKEYES

This season won more firsts and specials than combined competitors; New York, St. Louis, Sedalia, Memphis, Hatching eggs ready. Free Catalogue. A. H. Weisberg, Nevada, Mo. 3-1-3

BUTTERCUPS

BUTTERCUP COCKERELS, 5 dollars each. Eggs for hatching January 1. Fred Fenn, R. D. No. 3, Torrington, Conn. 3-1-3

SICILIAN BUTTERCUPS, World's Champion layers, lay large white eggs. Thoroughbred stock for sale cheap. Henry Woodworth, Box 505, Cheboygan, Mich. 1-1-3

CHANTECLER STRAIN BUTTERCUPS, quality as good as any, better than most, plus constitutional vigor. Early booked orders, avoid disappointments. Circular, infertiles replaced. Chantecler Poultry Plant, Ulster, Pa. 3-3-2

BUTTERCUPS exclusively. None better bred. Eggs from very select pens, \$10, \$6.00 and \$3.00 per 15. Good utility stock \$18.00 per 100. Catalogue Free. Secretary American Buttercup Club, Factoryville, Pa. 3-3-3

CAMPINES

CAMPINES—For Kennedy's Improved Champion Strain see advertisement on inside front cover. tf

SILVER AND GOLDEN CAMPINES. Silver and Gold Penciled Hamburgs. Stock for sale. Some Madison Square Garden winners. Eggs for hatching in season. D. W. Pfautz, Box 262, Littleton, Pa. 3-2-3

DORKINGS

SILVER GREY DORKINGS. To make room, I am compelled to sell all this year's breeders. Fine chance if taken at once. M. R. Jacobus, Box No. 3, W. Ridgefield, N. J. tf

DUCKS

Cook's American Standard **PAWN AND WHITES.** The oldest large white egg strain. Cook is an Indian Runner expert and furnishes the quality to win anywhere. Exhibition, breeding and utility stock. Circular. Irving E. Cook, Munnsville, N. Y. 6-2-3

FAWN AND WHITE INDIAN RUNNERS. Fancy Stock, white eggs two dollars a setting of 11. Albert Ackerman, Allendale, N. J. 3-3 3

THE LARGEST FLOCK OF FAWN AND WHITE INDIAN RUNNER DUCKS in the World. Breeding stock, ducklings and eggs for sale. Twin Oaks Farm, Palmyra, Pa. 3-3-3

NINE REASONS WHY Indian Runner Ducks should be raised instead of chickens. Interesting circular free. Dr. B. Prudhomme, Thurmont, Md. 4-4-3

GAMES

HIGH CLASS BLACK GAMES, That for size, shape, color and finish cannot be excelled. F. J. Connor, New London, Conn. 1-1-3

GEESE

FOR SALE—Mammoth Toulouse Geese. On account of failing health will close out my entire flock at greatly reduced prices. Address Mrs. W. T. Long, R. No. 5, Urbana, Ohio. 3-2-3

HAMBURGS

SILVER SPANGLED HAMBURGS—won 1st and 2nd all Fall. Great laying strain. Cocks, cockerels and hens for sale, reasonable. Raymond Heald, West Chester, Pa. 3-1-3

HOUDANS

A FEW YEARLING COCKS & Cockerels from prize winners \$3 to \$5 each. Also a few pens 1 cockerel and 4 hens \$15. Wheat Bros., Treadwell, N. Y. 1-3-3

LACKENVELDER'S

LACKENVELDER'S, Most Beautiful Fowl in the World, Cockerels, Cocks, Pairs for sale from prize winning imported stock. Splendid marked birds. Send for my illustrated circular. Edwin S. Douglas, Lawrence, Mich. 1-1-3

LANGSHANS

SWEET'S BLACK LANGSHANS: From the blood that won in New York, Boston, Chicago and Buffalo. Great winter layers, no better birds for the table. Grand Cockerels and few good trios reasonable. Eggs \$3.00 and \$5.00. G. H. Sweet, East Aurora, N. Y. 1-1-3

LEGHORNS—Black

Beautiful Birds, Booking orders now for early Spring Settings. \$1.50, \$2, \$3 per 15. Bradford Brothers, Bangor, N. Y. 1-1-3

LEGHORNS—BROWN

LAMSON'S ROSE COMB BROWN LEGHORNS are bred to lay. Baby chicks from layers. \$15-hundred. Winners Madison Square and leading shows. Eggs for hatching. Circular. H. S. Lamson, Box C, Cameron, N. Y. tf

S. C. BROWN LEGHORNS, Cockerels and pullets that can win in any company. Also the best of breeders. Write your wants. Chas. O. Miers, 670 S. Main St., Bangor, Pa. 3-1-3

ROSE COMB BROWN LEGHORNS fit to win. Our 12 years' continuously breeding and exhibiting Leghorns helps us, and we can help you. Trios, pens or singles at honest prices. W. T. Liddell & Son, Greenwich, N. Y. 3-2-3

COCKEREL LINE, SINGLE COMB BROWN LEGHORNS, Boston, 1911, five firsts, best display; Madison Square, 1910-11, four firsts, best display. Cockerels three to five dollars. B. W. Hubbard, 49 Lafayette St., New Haven, Conn. 3-2-3

SINGLE COMB BROWN LEGHORN Cockerels, bred from Rochester, Hamburg, Batavia winners at \$3.00 and \$5.00 each. John Fitzsimmons, Clarence, N. Y. 1-1-3

LEGHORNS—BUFF

SINGLE COMB, some grand birds for sale, in young and old breeders, both males and females. Perfect in color, type, size and comb, grand egg producers. Orders booked now for hatching eggs, for early spring delivery. Geo. C. Schwegman, Richmond, Ind. 3-2-3

ROSE COMB BUFF LEGHORNS. Breeding and Exhibition stock, also nice lot of youngsters. Catalogue Free. Howard J. Fiske, Falconer, N. Y., Box N. 1-1-3

LEGHORNS—SILVER

SILVER LEGHORNS a specialty. 10 years a breeder of this beautiful variety. Circular free. Sylvester Shirley, Port Clinton, Ohio. 12-1-3

LEGHORNS—WHITE

EGGS FOR HATCHING FROM THE BEST LAYING STRAIN of prize winning S. C. W. Leghorns and White Rocks. Birds large in size and pure white. Satisfaction guaranteed. \$1.00 and \$2.00 per 15, \$6 and \$10 per 100. Pleasant View Poultry Farm, Middletown, Pa. 12-1-3

S. C. WHITE LEGHORNS—200 cockerels, pullets, April hatched, large white, vigorous birds, World's best laying strain, winners at all shows. D. Schaller, Clark, Pa. 5-2-3

WYCKOFF STRAIN UTILITY S. C. W. LEGHORN cockerel for sale. Orders booked now for day old chicks, eggs and custom hatching. Clover Range Poultry Farm, South Branch, N. J. 3-1-3

UTILITY S. C. W. LEGHORNS—Chicks \$15; eggs \$6 per 100. Noan C. Stabley, Red Lion, Pa. 4-3-3

FIVE POINT COMB LARGE, VIGOROUS S. C. LEGHORNS \$2.00 each. L. L. Peck, Kanona, N. Y. 2-1-3

S. C. W. LEGHORNS—Hatching eggs, fertility guaranteed. Day old chicks, born with the hustle in them. Safe delivery guaranteed. Special sale mature cockerels, \$2.00 each. Mount Pleasant Farm, Mount Pocono, Penna. 6-5-3

SINGLE COMB WHITE LEGHORN cockerels. Heavy laying strain, \$2.00 each. Dodge Poultry Farm, Oakfield, N. Y. 3-2-3

S. C. WHITE LEGHORNS—Eggs, record stock. Cockerels \$1.50 up. Eggs and chicks a specialty. Free egg coupon. Fairfield White Leghorn Yards, Amanda, Ohio. 3-2-3

Swastika Strain SINGLE COMB WHITE LEGHORNS AND ORPINGTONS. Stock for sale. Eggs for hatching at reasonable prices. They win and lay. Write for catalogue and mating list. Swastika Poultry Yards, Plano, Ill. 3-2-3

SINGLE COMB WHITE LEGHORNS "the egg kind" Single birds or well mated pens. Mating list soon ready. Prices reasonable but quality high. Write your wants. G. B. Norris, Columbus, Ohio. 3-3-3

1912 Brockton Fair, visited by President and Mrs. Taft, 2 firsts, 2 seconds, 1 third. Heavy White Rocks, Fishel & Graves strain. Eggs \$2 setting. Reference—Home National Bank, Brockton. Joseph Demenkow, 37 Dover St., Whitman, Mass. 3-3-3

VIGOROUS BABY CHICKS, S. C. WHITE LEGHORNS, Blanchard—Young's Strain, Standard Utility, Free range. Eggs for hatching, Circular free. Leon Niece, Stockton, N. J. R. D. 4-4-3

BABY CHICKS, S. C. WHITE LEGHORNS ONLY. Young, Rice and Cornell Exp. Stations, strains, from farm raised selected stock, \$10 per 100, after April 1st. Safe arrival guaranteed. C. F. Ingoldsby, Hartwick Seminary, N. Y. 4-4-3

SUNSWICK POULTRY FARM TO BREED BUFF ORPINGTONS AND BUFF ORPINGTON DUCKS EXCLUSIVELY IN THE FUTURE

Rufus Delafield, owner of Sunswick Poultry Farm, South Plainfield, N. J., is one of the pioneer breeders of Orpingtons in this country, being one of the first to import the different varieties from England. His remarkable success in breeding the highest class Blacks, Buffs, and Whites is a matter of history. All who know Mr. Delafield also know that only the best of blood is to be found in the flocks at Sunswick.

But Mr. Delafield claims that every man who raises several varieties of poultry must at the bottom of his heart have a preference for one particular fowl, and when he finds the latter he is in duty bound to put all his heart, soul, energy and ability into perfecting that one breed or variety.

Mr. Delafield has found his love for the royal Buff Orpington so strong, that he will discard all other varieties after January, 1913, and breed Buffs only, the only other fowl at Sunswick being the Buff Orpington Duck, a breed that Sunswick has succeeded in breeding up to a very high standard of excellence.

Readers of AMERICAN POULTRY WORLD should send to Sunswick Poultry Farm for their new mating list and records of their winners at America's leading shows in the Buff Orpington and Buff Duck classes.

THE CINCINNATI SHOW

Announcement of a big Cincinnati Show is made by W. C. Pierce, Secretary of the American Fanciers' Association of Cincinnati. Mr. Pierce writes that a new incorporated company has been organized for the purpose of conducting annual shows at Cincinnati, "The gate-way of the South." The following officers have been elected: E. B. Rogers, Cincinnati, Ohio, president; Frederick Besuden, East Norwood, Ohio, 1st vice-president; W. C. Pierce, Indianapolis, Ind., secretary-treasurer. Other officers and stockholders are, W. Besuden, East Norwood, Ohio; Lewis R. Smith, Cincinnati, Ohio; F. E. Harris, Menominee, Mich.; Charles Pape, Ft. Wayne, Ind.; C. A. Besuden, Cincinnati, Ohio; Bruce & Abbott, Whiteland, Ind.; Theo. Hewes, Indianapolis, Ind.; Mr. White, Newport, Ky.; Mr. Reineke, Cincinnati, Ohio; Sheffield Farm, Glenwood, Ohio, and others.

The first show, to be held Jan. 23 to 30, 1913, will be held in Cincinnati's big Music Hall, which will provide facilities for 5000 entries. The judges engaged are A. F. Kummer, Butler, Pa.; O. L. McCord, Danville, Ill.; H. A. Pickett, Greentown, Ind.; D. E. Hale, Quincy, Ill.; W. C. Denny, Buffalo, N. Y., and Theo. Hewes, Indianapolis, Ind.

Information regarding the show can be obtained from W. C. Pierce, Secretary, 665 East 21st St., Indianapolis, Ind.

A NEW BOOK, CHICKEN CHAT, FREE

Every person interested in poultry should read Chicken Chat. It gives the cause and symptoms of all poultry diseases, and suggests methods for curing them, with ideas to prevent contagious and infectious diseases in the poultry yard.

The most prominent poultry authorities in the world have contributed their stories to this book, and we have arranged that every one of our subscribers can have a copy free of charge for the asking.

An interesting report is made by the Ontario Government Poultry Expert, Professor Graham, in regard to his successful handling of incubators, and the prevention of white diarrhoea in his hatches. By his method he has secured healthy, strong chicks with great vitality,—chicks that live and grow. Chicken Chat is really the poultry raisers' "insurance policy".

We advise our readers to write at once, before the supply is exhausted,—address The Zenner Disinfectant Company, (Makers of Zenoleum Products), 270 Lafayette Avenue, Detroit, Mich.

TO THE MEMBERS OF THE NATIONAL S. C. RHODE ISLAND RED CLUB

Some time early this fall special ballots were sent out to the members of the National S. C. Rhode Island Red Club for the purpose of voting on the proposition of merging with the new Red Breeders' Club of the World. On October 15th all ballots that were then returned were counted and showed this result: 45 members in favor of the merger; 5 against it.

It will be noted that the members voted almost unanimously in favor of the merger, and such has already been effected. All members of the above club will now receive membership in the Red Breeders' Club of the World for time that their dues in the old club were paid.

The National Club had already sent its offer of badges to be published in the premium lists of a great number of poultry associations when the vote was taken. Members who will win some of these badges will receive those of the Red Breeders' Club instead, and all breeders sending in dues to compete for these specials will receive membership cards from the Red Breeders' Club of the World and also from the National S. C. Club, so as to have something to show up in competing for the specials offered in the name of the National S. C. Rhode Island Red Club. The National S. C. Club has now altogether ceased to exist, and the interests of its members will be looked after in a most liberal way by the Red Breeders' Club of the World.

Owing to this merger, the proposed catalog of the old club was not published, and all members and those who have sent money for this book will receive the catalog of the new club, which will be off the press shortly.

THE PREMIER PARTRIDGE WYANDOTTE BOOK

We are indebted to Sheffield Farm, Glendale, Ohio, for a copy of their "Premier Partridge Wyandotte Book," 1913 edition, and have no hesitation in stating that it is the most beautiful publication of its kind we have ever seen. It is a work of art typographically, many of the illustrations being extremely beautiful and most effectively displayed on and between the covers.

The magnificent Partridge Wyandottes bred and exhibited by Sheffield farm have done more to popularize this handsome variety in the past few years than the combined efforts of the earlier breeders and some of the best fanciers in America are among the latter. But it was the thoroughness of the work in the breeding, exhibiting and advertising done by H. B. Hark, Manager Poultry Department, that put Partridge Wyandottes on the poultry map.

The wonderful record made by "Premier Partridge Wyandottes" at America's leading shows is history. Only the best foundation blood was used to build up this famous strain and only the best of stock is sold to customers, and these are the two main factors in the remarkable success attained by Manager Hark with his Partridge Wyandottes.

WHITE INDIAN RUNNERS

There has been much discussion regarding the Indian Runner Duck. The breeders of the older variety, the Fawn and White, seem unable to agree on the standard markings for the variety.

With the pure White Indian Runner this dissension is impossible and this recent addition to the duck family is growing unusually popular and breeders of the variety are finding it next to impossible to supply the demand for both stock and eggs. Among the first to take up this breed was Wm. A. Halbach, Box W, Waterford, Wis., and he advises that he is well prepared to care for orders for both stock and eggs, having several hundred head of choice birds on hand, a large majority of which were bred from his Chicago winners. He is advertising fine unrelated breeding pens at \$30.00. Just the thing for a fine start in this money making variety. He is also booking orders for eggs for future delivery.

S. C. WHITE LEGHORNS, Eggs for hatching. All classes stock. Corning-Rancocas Strains, yours for a square deal. East View Poultry Farm, Barneveld, N. Y. 3-3-3

S. C. WHITE LEGHORN eggs for hatching, \$6, \$8, \$10 per hundred. Heavy laying strain, Healthy, vigorous stock. Pullets for fall delivery. A. Hooker, Stonywood Farm, Geneseo, N. Y. 3-3-3

WILLCOX'S WHITE LEGHORNS, Continuously bred thirty years for practical and standard requirements. Winners wherever exhibited. Stock and Eggs. S. K. Willcox, Smyrna, N. Y. 6-6-3

D. W. YOUNG STRAIN WHITE LEGHORNS, a few extra good cockerels, \$3.00 and \$5 each. Yearling hens \$1.00. Chas. F. Schwab, Bradford, Pa. 3-3-3

WYCKOFF-BLANCHARD S. C. WHITE LEGHORNS, 20 years with these strains. Hatching eggs, day old chicks, great specialties. Largest orders filled promptly. Fully guaranteed. Very high grade breeding stock on approval. Finest males possible. Furnished foundation stock for Corning plant. Bound Brook, N. J., Circular. O. N. Reynolds, Canton, Pa. 3-3-3

SINGLE COMB WHITE LEGHORNS. Eggs for hatching \$5 per 100, from 200 select yearling hens. \$3-15 from 3 extra choice matings. All blue ribbon winners. Day old chicks, \$10 per 100. Circulars. E. L. Lane, Trumansburg, N. Y. 3-3-3

LEGHORNS — SEVERAL VARIETIES

S. C. BUFF & WHITE LEGHORNS: Prize stock—Bred to lay, Cockerels for sale. Eggs two dollars per 15. Albert Ackerman, Allendall, N. J. 3-3-3

MINORCAS—BLACK

S. C. BLACK MINORCAS, Eggs and Baby Chicks from year old stock. Write for particulars. M. Burnett, Cobleskill, N. Y. 1-1-3

MINORCAS—WHITE

SINGLE COMB WHITE MINORCAS. Stock and Eggs. Write for prices. A. T. Williams, Brown, W. Va. 3-3-3

ORPINGTONS—BLACK

BLACK ORPINGTONS for sale. Hens, pullets, cockerels \$2 and \$3 each. Rev. H. N. Van Deusen, Milford, N. Y. 3-2-3

BLACK ORPINGTONS, 10 Cockerels of fine quality for sale, 3 dollars each. Edward Karrow, 32 Bank St., Westfield, N. Y. 3-3-3

ORPINGTONS—BUFF

"WILLARD'S CHAMPION BUFF ORPINGTONS" win hundreds of prizes at Madison Square, Boston, Chicago, Detroit, etc. At great Michigan State Fair won nineteen of twenty firsts in past four years. One thousand old and young birds for sale. Utility \$2 each. Good breeders \$3. Show birds fit to win, having brilliant color, at reasonable prices. Catalog free. Write today. Willard Farm, Linden, Michigan. 4-2-3

S. C. BUFF ORPINGTONS exclusively since '91. State Cup winners past two seasons. Fine cockerels and pullets, Eggs \$3 setting. Joshua Shute, Meriden, Conn. 4-4-3

TRAPNESTED, PEDIGREED BUFFS. Heavy winter layers. Catalog Free. Chicks—Eggs. Albert Peters, 1041 Taylor Ave., Scranton, Pa. 3-3-3

FOR SALE—FINE BUFF ORPINGTONS Young stock, Broad and deep, From prize winners, Heavy Layers, \$2.00, \$3.00 & \$5.00 each. E. L. Grove, Meadville, Pa. 1-1-3

ORPINGTONS—WHITE

WHITE ORPINGTON HOME—Rose Comb White Orpingtons exclusively. Write your requirements to the largest specialty breeder in America. Earl L. Cook, Munnsville, N. Y. 3-1-3

KELLERSTRASS CRYSTAL WHITE ORPINGTONS stock from \$150 trio, cockerels \$2 and up. Eggs ten cents each. Chas E. Baker, Andover, N. Y. 1-1-3

OUR FOUNDATION \$100 pen, eggs from Kellerstrass Best Mating direct. Eggs \$1.50 and \$2.50 per 15. Stock for sale, circular. White Orpington Farm, Niobe, N. Y. 3-3-3

Kellerstrass Strain **WHITE ORPINGTON** cockerels for sale. High scoring birds. Eggs in season. Mrs. A. R. Stickle, Macomb, Ill. 1-1-3

TRAPNESTED PEDIGREED WHITES. Heavy winter layers. Catalog Free. Chicks—Eggs. Albert Peters, 1041 Taylor, Scranton, Pa. 3-3-3

WHITE ORPINGTON pullets and cockerels bred for winter layers \$2 & \$3. Eggs in season. J. Hargraves, Norwalk, Ohio. 3-3-3

1912 BROCKTON FAIR, visited by President and Mrs. Taft, 2 first, 2 seconds, one third. White Orpingtons from Cook's \$80 pen, \$20 setting, other prize stock. Eggs \$3 setting. Reference—Home National Bank, Brockton. Joseph Demenkow, 37 Dover St., Whitman, Mass. 3-3-3

S. C. WHITE ORPINGTONS—Jackson strain. Prolific layers. Choice matings. Eggs \$2-15. Order now and give shipping date. C. R. Adrian, Mingo Junction, Ohio. 3-3-3

ORPINGTONS—SEVERAL VARIETIES

WILLIAM COOK & SONS, Originators of all the Orpingtons, Box W., Scotch Plains, N. J. For the best Orpingtons, any variety, it is natural you must send to their Originators. Send 10c for Illustrated Catalogue, just out, with history of Orpingtons and hints on poultry keeping. tf

ROSE COMB BUFF, BLACK, AND WHITE ORPINGTONS, Madison Square Garden, Chicago, Cleveland and Detroit winners. H. C. Faulkner, Marshall, Mich. 6-2-3

FOXHURST FARM Champion Black and White Orpingtons have for past seven years been largest winners at America's leading shows including Madison Square Garden, N. Y., Boston, Philadelphia, etc. A consistent winning strain, bred by us, not imported. Prices reasonable, shipped on approval. Young and old birds for shows guaranteed to win. See our regular ad, page 31 Foxhurst Farm, Lime Rock, Conn. tf

Young trios \$5 each in **BUFF, BLACK OR WHITE**. One pound chicks \$1 each. Choice show stock for sale. Send 10c for Orpington Magazine 1 year. Cheviot Farms, R. No. 8, Cincinnati, Ohio. 3-1-3

DIAMOND JUBILEE AND BLACK ORPINGTONS. Beauties, grand layers, large birds. Fine specimens for sale. Eggs in season. Rev. W. Berberich, Groton, New York. 3-2-3

PLYMOUTH ROCKS—BARRED

BARRED ROCK BREEDERS. Send 50c for National Barred Rock Journal one year. The only monthly magazine issued wholly in the interests of the Grand Old Breed. W. L. Robinson, Pub., Union City, Mich. tf

BARRED PLYMOUTH ROCKS, Bradley Bros. strain. April and May hatched cockerels, \$3, pullets \$2. Farm raised, healthy, vigorous, splendid birds. Edwin C. Powell, Ludlow, Mass. 3-1-3

RINGLET BARRED ROCK Cockerels and pullets, both cockerel and pullet ting. Nutshell Poultry Yard, Athens, Pa. 3-1-3

E. B. THOMPSON'S Ringlets, direct—Extra choice cockerels and females; big, vigorous stock; bred from winners; best New York winning blood from proven breeders. I have spared neither pains nor money. Wm. Huckle, Waverly, N. Y. 3-1-3

HAWKIN'S ROYAL BLUE STRAIN DIRECT. Descents Madison Square Garden winners. Choice March hen hatched, free range, grown cockerels \$5.00 each. James Mairs, Haworth, N. J. 1-1-3

BARRED PLYMOUTH ROCKS:—Pittsfield Strain, well developed cockerels and pullets for sale, also Baby chicks, eggs in season. E. E. Lewis, Apalachin, N. Y. 3-3-3

PARKS' 200 EGG BARRED ROCKS. Pens headed by sons of 217, 238, 242 egg hens. Hens with sworn records, 217, 225, 237, 238, 246, 247 eggs. Eggs for hatching. Circular Free. Frederick Matteson, 3838 Woodley Lane, Washington, D. C. 3-3-3

BARRED ROCKS—Thompson's "Ringlets" Direct. Large well matured birds with clear snappy barring. Eggs from choice matings \$1.50 per 15. \$7.00 per 100. Milton Fox, Palmyra, Pa., Dept. A. 3-3-3

PLYMOUTH ROCKS—BUFF

EXHIBITION BUFF ROCKS, Champion \$100 Cup Winners at Boston, \$3 sitting, 2 for \$5, one-half less than most breeders. Catalogue of none better in the world. Four Oaks Farm, Brockton, Mass. 1-1-3

CHICAGO WINNERS—Two entries; second cockerel; fifth hen. Circular free. W. R. Hobbie, 532 Court, Kankakee, Ill. tf

PLYMOUTH ROCKS—PARTRIDGE

CHILD'S PARTRIDGE ROCKS—Winners of 33 firsts, 5 specials at late shows. Exhibition stock especially, ½ less than most breeders. Samuel Childs, McKeesport, Pa. 3-1-3

PARTRIDGE PLYMOUTH ROCKS—both sex. Males strongly striped, rich color, females of equal quality and type. Write for prices. C. E. George, Union City, Mich. 3-3-3

PARTRIDGE ROCKS, Choice and utility cockerels and few pullets, from prize winning stock. Noftzger's strain, eggs in season. Chas. A. Kellogg, Cambridge, Ill. 3-3-3

PLYMOUTH ROCKS—WHITE

QUALITY WHITE ROCKS—Yearling hens, pullets and cockerels for sale. Eggs in season. Try them, they will please you. Rose Lawn Poultry Yards, 238 E. Main St., Middletown, N. Y. 3-3-3

PLYMOUTH ROCKS — SEVERAL BREEDS

BARRED AND WHITE ROCKS. Ringlet and Fishel Strains, hatching Eggs in season, \$2.00 per 15, \$10.00 per hundred. Satisfaction guaranteed. Susquehanna Poultry Yards, S. S. Shultz, Washington Boro, Pa. 3-3-3

POLISH

WHITE-CRESTED BLACK POLISH—Exclusively. Stock for sale at bargain prices. Dr. W. V. Woods, Odessa, Del. 3-2-3

WHITE CRESTED BLACK POLISH. Ornamental, useful, Good layers, non-sitters bear confinement. If you want good stock, eggs. Write Chas. L. Seely, North Main St., Afton, N. Y. 3-3-3

RHODE ISLAND REDS

ROSE and SINGLE COMB cockerels. Spring hatched. Sired by prize winners. Dark even red in color. Two to ten dollars. Hatching egg orders booked now. Red & White Poultry Farm, Freehold, N. J. 3-2-3

RHODE ISLAND REDS. Eggs \$2.00 setting; utility \$7.00—108. See page 123. W. S. Harris, Mansfield Mass. 3-2-3

S. C. RHODE ISLAND RED cockerels, Tompkins strain, large, vigorous birds, red to the skin. Prices right. C. H. Eckler, 42 Chestnut St., Ashtabula, Ohio. 3-2-3

SACRIFICE SALE, one hundred **SINGLE COMB RHODE ISLAND REDS,** fine quality, vigorous, healthy, cheap, will sell as a lot or in part, satisfaction guaranteed. J. W. Brinser, Manchester Sta., Richmond, Pa. 3-2-3

SINGLE COMB RED eggs from Thompson and Scranton prize winning strains; \$1.50 for 15, \$6 a hundred. Guaranteed 75 per cent. fertile. Utility pullets \$2, hens \$1.50. W. F. Hessert, 36 Harvard Ave, Collingswood, N. J. 3-3-3

MOORE'S 200 EGG S. C. REDS. Bred to lay and show. Heavy laying pens headed by prize winners. 15 guaranteed eggs, \$2.00. Circular free. Chas. S. Moore, Bethesda, Md. 3-3-3

AUSTIN 200 EGG STRAIN SINGLE COMB RHODE ISLAND REDS. Standard bred red to the skin. Eggs for hatching \$3.00, \$5.00 and \$10.00 per setting 15. Utility \$6.00 per 100, 90 per cent. fertility. Baby chicks, Cockerels, Pullets, Yearlings. Austin's Poultry Farm, Box 22, Center Harbor, N. H. 3-3-3

FOR SALE: Rose Comb Rhode Island Red, Cockerels, at bargains, eggs in season from 6 pens. Philip Fortman, New Weston, Ohio. 1-1-3

S. C. RED Cockerels from Scranton's \$30.00 pen. Big beauties, Excellent color, \$5, \$10, \$20.00. W. Fraser, Arlington, N. J. 1-1-3

SACRIFICE—Closing out sale. **R. C. REDS,** 100 head gilt edge stock cocks, hens, cockerels, pullets. 4 Cyphers Incubators good as new. Exhibition stock. C. E. Hubbell, Westmoreland, N. Y. 2-2-3

RHODE ISLAND WHITES

ROSE COMB RHODE ISLAND WHITES: Fine stock for sale and eggs after January 1st. Write for prices. B. J. Parmenter, Columbia X Roads, Brad. Co., Pa. 3-3-3

SILKIES

JAPANESE SILKIES: Have fifty fine ones—males \$1.75, females \$1.50, Pair \$3.00, Trio \$4.00, Pen of five \$6.00. Address: W. L. Edison, Salisbury, Md. 1-1-3

TURKEYS

YODER'S BRONZE TURKEYS, America's greatest winning strains, large, well marked, breeding or exhibition. Satisfaction guaranteed. I pleased others, I can please you. S. M. Yoder, Elk Lick, Pa., Box E. 3-2-3

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Plymouth Rocks. See our ad on page 31. Bird Bros., Meyersdale, Pa. tf

BRONZE TURKEYS—200 Toms and Hens bred from first and third prize toms at Madison Square Garden, New York. Exhibition and breeding stock for sale. Prices right. H. L. Fike, Box 15, Meyersdale, Pa. 3-2-3

MAMMOTH BRONZE TURKEYS, large early hatched stock, prize winners. Fred Lawrence, Route 1, Hornell, N. Y. 1-1-3

MAMMOTH BRONZE TURKEYS, Fine young breeding stock, Cheap. Booking eggs for early spring delivery. Northwood's Poultry Farms, Johnburg, N. Y. 1-1-3

WYANDOTTES—BLACK

Boyd's Washington Strain of winning **BLACK WYANDOTTES.** Ridge Crest Farm, Paris, Md., formerly of Wash., D. C. 12-11-3

A GOOD RECORD

T. L. Little, Camden, S. C., who becomes an annual advertiser with this issue of **AMERICAN POULTRY WORLD**, can boast of a very enviable show record for the season of 1912. It proves beyond a doubt that his White Wyandottes possess rare quality and that Mr. Little must be reckoned with in the Wyandotte alley. His winnings are as follows:

At the South Carolina State Fair: 1st cock; 1st, 2nd, 3rd hen; 1st, 3rd cockerel; 1st, 3rd pullet; 1st pen; special cup, best pen in show.

At the Camden, S. C. Show: 1st cock; 1st, 3rd hen; 1st cockerel; 1st, 2nd, 3rd pullet; 1st pen; special silver trophy for best male bird in entire show; trophy cup, best female in show; trophy cup, best pen in show.

At Savannah, Ga. Show: 1st cock; 1st, 3rd hen; 1st cockerel; 1st, 2nd pullet; 2nd pen; special best cock in show; special best hen in show; special best pullet in show. Gold special best display in Wyandottes, all varieties competing.

At Grand Central Palace Show: 2nd cockerel.

THE BELLE CITY INCUBATOR

The hatchery contest conducted by "Successful Farming" was won this season by the Belle City Incubator, which makes a total of five times that this machine has carried off the honors, and by the way, this was the third time in as many consecutive years.

Jim Rohan, the manufacturer of the Belle City Incubator, naturally feels proud of this achievement and says, "When the same make of machine wins so consistently it proves that luck didn't have anything to do with it, but instead the incubator must have been simple, accurate, safe and sure, and the people who operated them are undoubtedly the kind of men and women who deserved to win these contests."

The Belle City holds 140 eggs and the price is \$7.55. The 140 chick brooder costs \$4.85, or the two will be sent freight prepaid anywhere east of the Rockies for \$11.50 if ordered at the same time.

Mr. Rohan has a new book of Hatching Facts, that will be sent free if you will drop a card to Jim Rohan, Box 59, Racine, Wis.

HEARNDALE FARMS WINS AT PINE BUFF

Hearndale Farm S. C. White Leghorns are making a record that their owners are justified in feeling proud of. In a recent issue we published a list of their winnings at some of the prominent fall shows and it now appears as if their performance at the winter exhibitions would be still better.

At the Pine Buff, Ark., show held recently they won 1-2-3-4 pens; 2-3-4 cocks; 2-3-4 hens, all prizes on cockerels and pullets, two silver cups, best display in Mediterranean class, best pullets in the class and best ten birds in the show, which is going some.

When sending in these winnings they advised that they had on hand about two hundred cockerels that must be disposed of at once. These are first class birds and will be disposed of at reasonable prices, really less than the value shown as the room is required for breeding birds.

Better write for prices at once and secure a good cockerel for your breeding pen. Address Hearndale Farm, Pine Buffs, Ark., and mention A. P. W.

BLACK RIVER VALLEY POULTRY AND PET STOCK ASSOCIATION, (INC.)

The third annual show of the above association will be held in the State Armory, Watertown, N. Y., January 21st, 22nd and 23rd, 1913. W. J. Stanton of New York City and Fred Huyler of Peapack, N. J., will judge the poultry. Cornell University will send a demonstrating exhibit and give a series of lectures. All information regarding the show will be gladly given by the secretary, C. O. McCarty, upon request.

BRISTOL'S, PA., BIG SHOW

The Bristol Poultry & Pigeon Association, which has recently reorganized with a hustling bunch of new members coming in daily, promises to hold the greatest and best show ever given in that section of Bucks County. The largest hall in the town has been secured and every member is now bending his energy to secure more prizes, such as cups, money, merchandise, etc., that his fellow-members secure. Everything will be handled systematically and all the birds will be given the best of care and attention. Persons desiring to make entries should do so at once to the secretary, Serrill D. Detlefson. Merely drop him a card and entry blanks and premium lists will be forwarded at once.

This organization last year, under the same superintendent, who will serve this year, Mr. Frank T. Chambers, did not have a sick bird during the show. All of the stock was kept in a most excellent condition. It is anticipated that this year's attendance will exceed that of any previous show given. Everybody is interested and hustling and this is always a good sign. The show will be held in the fire house of America Hose, Hook & Ladder Co. No. 2 some time in January.

FRED C. GABRIEL, SOUTH BEND, INDIANA

We are advised by Fred C. Gabriel, originator and breeder of the Raven Black Strain S. C. Black Minorcas, that he has won as follows this season at the Indiana State Fair: 1st cockerel; 1st pullet and 1st pen. No entry made in 'old birds' classes. At South Bend, September, 1912, he won 1st and 2nd cock; 1, 2, 3 and 4th cockerel; 1, 3, 4 hen; 1, 2, 3, 4 pullet; 1, 2, 3 pen and the following specials: Grand sweepstake cup value \$35 for the best display, all varieties competing; \$20.00 cup for best display in the Mediterranean classes; \$20.00 cup for 1st pen; \$10.00 cup for best cock; \$10.00 cup for best cockerel, and \$10.00 cup for largest dozen of eggs, all varieties competing. Buckeye Incubator for best colored bird in the Mediterranean class was won by Mr. Gabriel's first prize cockerel. This bird also carried away first honor at the Great Indiana State Fair. This is truly a great record and indicates the high quality of the Raven Black Strain Single Comb Black Minorcas. Readers interested in this variety should write Mr. Gabriel for prices.

PEN-Y-BRYN FARM

The above farm has issued a very interesting catalog describing their plant and the varieties of poultry, viz: S. C. White Leghorns, White Wyandottes and Mammoth Imperial Pekin Ducks bred by them. Their business methods are fully described and many halftone illustrations of the stock and views of the plant make this catalogue most interesting. The stock on this farm are bred for productiveness and the leading strains of each variety were secured as foundation stock.

A business will be made of selling eggs for hatching and baby chicks. They will also furnish first class stock at all times at reasonable prices. If interested in any of the above varieties don't fail to send for catalogue to Pen-Y-Bryn Farm, Ambler, Pa. It is free.

BUFF LEGHORN CLUB CATALOGUE

This club has just issued a neat, well printed and illustrated 80-page catalogue, telling all about their favorite breed, and nothing but the good and bad points about the Buff Leghorn can be found in this book. It is worth \$1 to any person who is just beginning in the poultry business, but will be mailed free to any person addressing Geo. S. Barnes, Sec., Battle Creek, Mich. If you are looking for some good fowl to add to your yards, the studying of this catalogue will help you wonderfully. Buff Leghorns hatched in July will lay in December, and win prizes. What more is wanted of a breed of chickens?

BUFF WYANDOTTES, exclusively, cockerels, Pullets and eggs reasonable. T. W. Whitney, Blairstown, N. J. 3-3-3

BLACK WYANDOTTES, America's Best. Howard Grant, Marsnall, Mich. 3-3-3

WYANDOTTES—Partridge

If you want eggs, meat and beauty, get the **PARTRIDGE WYANDOTTES**. Some nice young stock from my last year's winners for sale reasonable. Also some fine Silver Campine cockerels. Lakeview Poultry Yards, A. F. Elliott, Prop., Port Huron, Mich., 2829 Wright St. 3-1-3

WYANDOTTES—WHITE

CHOICE WHITE WYANDOTTES—Some high class breeding stock and exhibition stock in males and females. All stock guaranteed. Write us your wants. Eadie Bros., Akron, N. Y., Box 95. 3-2-3

WHITE WYANDOTTE cockerels, For Sale \$1.50, \$2.00, Manila, Ind. E. M. Redenbaugh, Manila, Ind., R. R. 18. 2-2-3

PREMIER WHITE WYANDOTTES: The great laying strain—eggs for hatching. J. M. Chase, Geneseo, N. Y. 4-4-3

FORD'S WHITE WYANDOTTES, still among the winners at New Jersey's leading shows. Eggs from Exhibition matings, \$2.00 per 15. High class utility eggs \$7.00 per 100 Established nine years. H. M. Ford, Oakland, N. J. 1-1-3

SEVERAL BREEDS

64 VARIETIES Poultry, Hares, eggs for hatching. 2000 birds for sale. Catalog and show record free. H. D. Roth, Box B, Souderton, Pa. 6-3-3

PARTRIDGE WYANDOTTES, GOLDEN SEBRIGHT BANTAMS and PEARL GUINEAS, \$2.00 each, \$5.00 trio. A few yearlings at a bargain. Ravine Poultry Farm, Almond, N. Y. tf

Prize winning **Partridge PLYMOUTH ROCKS** and **MAMMOTH BRONZE TURKEYS**. Old and young birds for sale. Charles Wilde & Son, Needham, Ind. 3-2-3

CREVE COEURS \$25 trio. White Bearded, Golden Bearded and Plain, Silver Bearded and Plain, Buff Laced and White Crested Black Polish, Houdans, White Faced Black Spanish, Silver Spangled, Silver Penciled, Golden Spangled, Golden Penciled Hamburgs, eggs \$4.00 per 13; except Creve Coeurs, \$6.00 per 13; Houdans \$8.00 per 13. J. B. Sutherland, Strathroy, Ont., Canada. 3-2-3

HIGH CLASS EGGS, S. C. White Leghorns, S. C. Black Minorcas \$1.00 per 15. West End Poultry Yards, Waynesboro, Va. 3-2-3

DARK CORNISH, HOUDANS, R. C. BLACK MINORCAS. Cockerels three to five dollars, won first at Middletown Fair. J. H. Lawrence, Sugar Loaf, N. Y. 1-1-3

AMERICAN DOMINIQUE POULTRY YARDS: Chasm Falls, Malone, N. Y. Established sixteen years. Breeder of American Dominiques, Columbian Wyandottes, White Wyandottes of the very highest quality. Send stamp for circulars. 3-3-3

THOROUGHbred HOUDANS. Black and White Minorcas, both combs, Anconas, Rhode Island Reds. Catalogue with poultry points free upon application. Interesting prices. The Breeders Farm, Watertown, N. Y. 4-4-3

PROPERLY REARED, from best foundation stock Bronze Turkeys, Toulouse and Embden geese, Pekin ducks, Indian Runners, White Leghorns, White guineas, Best values or refunded—circular. J. B. McConnell, Ligonier, Ind. 1-1-3

THIRTY LEADING VARIETIES, Standard bred Poultry—hares and Eggs. Reasonable. List free. John Crouthamel, Franconia, Pa. 4-4-3

MISCELLANEOUS

BULLETIN ON "BALANCED RATION" absolutely free; tells how to compound at home, most economical and healthful mashes, chick foods, scratch foods. Drop postal giving your dealer's name and address, to Henola Food Co., Box 405-W, Newark, N. J. 12-9-3

FOR SALE—A 4,000 Egg Incubator, Cyphers Hot Water System, for \$275 instead of \$500 new, only in use 5 times; and four 150 Egg Incubators at \$12.50 a piece. Ch. P. Hatch, Plumbeach Farm, Port Washington, L. I., N. Y. 3-1-3

BENNETT'S POULTRY RECORD and Expense Book keeps daily account of eggs collected and sold, 25c. Money back if not satisfied. Agents wanted. E. W. Bennett, Box 656 K, New Britain, Conn. 3-2-3

TYPEWRITERS. All makes Remingtons, Smith Premiers etc. lowest prices. Will trade for chickens. Write Guarantee Typewriter Company, 23 Duane Street, New York. 1-1-3

RATSDEATH: clear rats and mice like magic, drives them out to die, leaves no smell from dead ones. Money back if it fails to work, price 25 cents. Joseph Demenkow, 37 Dover Street, Whitman, Mass. 3-3-3

FOR SALE at half price. Going out of business. Three 360-egg-size Cyphers Incubators, two Cyphers out-door brooders, four Prairie State Brooders, one Cycle Hatcher, one Mann Clover Cutter. Will ship on approval. Cloverbrook Farm, Chambersburg, Pa. 1-1-3

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PRINTING for Poultrymen, fine cuts used, samples free, mention your breed. W. A. Bode, Fairhaven, Pa. 12-12-3

HIGH GRADE PRINTING for poultrymen at reasonable prices. Fine cuts used FREE. Halftone cuts made from your photographs. Send for samples now. Riverside Press, Brishen, N. Y. 3-12-2

WANTED

ENGLISH POULTRYMAN 20 years, 4 years' experience artificial and natural rearing good carpenter, reference and etc. Wages \$50.00. John Faithfull, New Farm, Studley, Warwickshire, England. 1-1-3

Too late to Classify

LIGHT BRAHMA—RHODE ISLAND REDS—Winning 3 firsts. Luke Staley, Jr., Pleasant Ridge, Ohio. 1-1-3

ROSE COMB REDS—We won state cup at Big Camden Show just held. Breeding stock always for sale. Eggs from best matings \$2, \$3 and \$5 setting. Mohawk Poultry Farm, Merchantville, N. J. 3-3-3

Correctly Mated Trios S. C. REDS at \$10 Stock shipped on approval. Eggs for hatching from my prize winners, \$3 per setting. Harvey R. Vanderslice, Boyertown, Pa. 3-3-3

HALBACH'S WHITE ROCKS

Halbach's "Stay White Strain" of White Rocks have made a wonderful record at Chicago during the past four years, being awarded special for best display four times. This season no entry was made at Chicago, Mr. Halbach preferring to go as a spectator instead of an exhibitor and let his past record stand. He states that he has over 1800 choice youngsters on hand and is anxious to show readers of A. P. W. what he can do for them. He has fine utility females for \$2.00 and up, males at \$4 and up, for a choice pen mated to produce show stock at from \$25 to \$35. Better write him if in need of a high class White Rock. Just address H. W. Halbach, Box 3, Waterford, Wis.

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A COMBINATION HOVER AND GREEN FOOD GROWER

Great inventions are seldom the product of a single masterstroke of genius. They represent a growth, a development, a step-by-step process involving many experiments, many improvements, many disappointments.

So it was with the International Sanitary Hover. For years the best minds in the poultry world had been struggling with the problem of producing a hover simple in design, absolutely safe, and capable of raising practically all the healthy chicks committed to its care.

On its face the problem seemed not difficult of solution. It was merely necessary to work out a hover warmer near the curtain than at the center, usable in a barn, a cowstall, a small coop, or some other place less formidable than an expensive brooder house, and fireproof. Hover after hover was invented, each a little better or a little worse than its predecessor, and a good deal of progress was made.

Then, on the Rancocas Poultry Farm, at Brown's Mills, in the Pines, N. J., the Sanitary Hover was invented and the problem was solved. Folks looked at the Hover, noticed the remarkable simplicity of it, and exclaimed: "Why didn't some one think of this before?"

The Sanitary Hover is a durable metal hover, circular in shape, having no corners for chicks to crowd into, fireproof, and, best of all, several degrees warmer near the curtain than at the center. Chicks brooded under the hover distribute themselves near the curtain instead of crowding to the center to trample one another or be smothered. The claim made for the hover that it will raise a higher percentage of the chicks committed to its care than any other brooding device is backed up with the testimony of hundreds. Among those who have warmly endorsed the Sanitary Hover are Kellerstrass, Owen Farms, Wm. Cook & Sons, and Rufus Delafield.

The Sanitary Hover can be carried around with ease and used anywhere. It can be set up in a moment without the cutting of holes, building of platforms, or connecting of pipes. The lamp can be lifted out by a person standing up, and the flame is always visible. A detailed description of the hover is contained in the catalog of the International Poultry Sales Company, which can be had free for the asking.

Considered merely as a grower of green food the Sanitary Hover will pay for itself many times over. In 8 days it can be made to transform 12 quarts of oats into enough green food to feed 500 laying hens 3 days. In view of the importance of green food in the making of eggs, this is an item of high value.

BUSCHMANN-PIERCE RED FARMS

One of the handsomest as well as the most businesslike catalog we have seen in a long time is the one recently published by the Buschmann-Pierce Red Farms, Carmel, Ind. It is devoted exclusively to Rhode Island Reds, and especially to the magnificent strains of the Single and Rose Comb varieties bred on their well known farm. The main plants of the Buschmann-Pierce Red Farms are located at Carmel, fifteen miles north of Indianapolis, where the business office also can be found in charge of W. C. Pierce, treasurer and general manager.

Judge Pierce devotes all his time and exceptional ability to the business of the corporation, which has grown so rapidly in the past few years that three stenographers are kept busy by the manager the year around.

In addition to his office duties, Mr. Pierce looks after the mating, breeding and shipping of the stock, although on three of the four plants comprising these farms such expert breeders as D. F. Strohmeier, Frederick Besuden, Fred Brooker have charge of the Red beauties, while the veteran, E. A. Pierce, superintends the main plant.

W. C. Pierce is one of the best known poultrymen in the west, and has no superior as an all around poultry judge. He has been breeding and judging chickens since he was a boy, and was fortunate in having such a pastmaster in the art of judging to instruct him,

as his father, the late B. N. Pierce.

One of the objects of the Buschmann-Pierce farms is to produce "non-fading" strains of Rhode Island Reds, and to judge by the specimens exhibited by them at Indianapolis last year, they have succeeded in obtaining a line of Reds that will hold their color for several years.

The illustrations in the handsome catalog are excellent and portray quite faithfully the fine type of the Reds bred and exhibited by the Buschmann-Pierce Farms. Rhode Island Red breeders should send for a copy of this strictly down to date catalog, as it is a model of its kind.

MUSTARD FOR POULTRY

The medicinal values of mustard has long been recognized by the medical profession and its uses are legion. It has also played a very important part in veterinary science and has been used in greater or lesser proportion in most of the tonics and condition powders that are so extensively used for our domestic animals.

Its value as a conditioner for poultry, also as an aid to greater egg production, has recently attracted much attention in some sections of the United States, but it appears that we progressive Americans have been somewhat backward in discovering its virtues, for investigation brings to light that our English cousins have known its value and have used it in their poultry rations for years. This perhaps accounts in a measure for the excellent condition of English show specimens and also for the quick growth and productiveness of their flocks in general. Investigation also brings to light the fact that a few progressive poultrymen on this side of "the pond" have learned of the value of mustard when fed to their flocks in the proper proportion and have been using it as a promoter of egg production for several years. Some even going so far as to use the imported article.

It has remained, however, for the R. T. French Company, Rochester, New York, to interest themselves in the merits and exploit the value of mustard as an addition to the poultry ration. By careful and systematic experimenting this concern has succeeded in preparing a mustard that is peculiarly adapted to this purpose as testimonials from scores of users will fully verify. Among those who are using French's Poultry Mustard and give their approval of its value, can be included E. B. Thompson. The Corning Egg Farm, Grove Hill Poultry Yards, Urban Farm and numerous other well known poultry farms in all sections of the United States. The reliability of the above mentioned farms is unquestionable and they do not give their endorsement to an article unless they are fully satisfied the claims put forth for it merit such approval.

The R. T. French Company have spent thousands of dollars in perfecting their "Poultry Mustard" and are sincere in all claims they make for it. All they ask is that poultrymen give it a fair and impartial trial and they feel convinced that its value will be at once recognized. They have prepared a very interesting thirty-two page booklet entitled "Mustard for Poultry" that describes several experiments conducted in England by Ralph R. Allen, which proves that mustard has a great food value for the poultry breeder who will make it a part of the regular ration for his stock. This booklet is free upon request and may be had by addressing The R. T. French Company, Dept. B, Rochester, N. Y.

LEITZ'S WYANDOTTES

H. F. Leitz of Meriden, Conn., the well known White Wyandotte breeder, made an entry of four birds at the Waterbury, Conn., show and won 5th on a cockerel in a class of 21 and 2nd and 3rd on pullets in a class of 36. This was Mr. Leitz's first showing in four years and it speaks well for the uniform high quality of his stock.

GOLDEN CAMPINES SILVER

Greatest Prize Winning Stud in United States

Madison Square 1911—4 firsts, 1 second, 6 specials. Allentown 1912—14 entries, 10 ribbons. Hagerstown 1912—13 entries, 11 ribbons. Central Palace, N. Y., 1912—18 entries, 17 ribbons. Philadelphia, 1912—21 entries, 21 ribbons, 14 specials, 3 cups. Send for Mating List ready January 15th, 1913. No stock for sale at present.

MANHATTEN FARMS,

BRIGHTON, N. Y.

WARD'S DARK CORNISH AT ALLENTOWN AND HAGERSTOWN
At the quality Fall Shows of America this year, in Dark
Cornish I won more 1st and 2nd prizes than all other ex-
hibitors combined. For quality write Ward and let him
quote your winners.
JOHN W. WARD, JR., Box 2, PENNINGTON, N. J.

BEST FOR LAYERS BEST FOR TABLE

PARTRIDGE ROCKS
THE ROCKWOOD FARM, BOX W, NORWALK, OHIO

CONGDON'S Barred Rocks

BRED FOR
UTILITY AND BEAUTY

Write your wants in Cocks, Cockerels,
Hens, or Pullets. \$2,000 invested, 20
years' experience.

INCUBATOR EGGS, \$5.00 per 100
\$40.00 per 1,000.

New booklet free.

W. A. Congdon, Waterman, Illinois
BOX 404

WEBSETR'S NEW YORK CHAMPION WHITE PLYMOUTH ROCKS

Better than ever is the word. My matings have for years produced Exceptional Quality and winners at Madison Square Garden, New York, Cleveland, Boston, etc. At New York in one year they won 3 first and 2 seconds and all specials. This record stands unapproached by any other breeder.

This Line Will Win For You

We have the goods to win at any show and can supply you Exhibition and Breeding Birds that are Right in Quality and Price. Write me your wants, and let me tell you what I have.

Webster Farm,

Box W,

Girard, Pa.

Lichtenwalter QUALITY BUFF PLYMOUTH ROCKS

Have in 10 years won as many or more Prizes at leading Shows as any other line: this includes Madison Square Garden, New York, Boston, Cleveland, Buffalo, Chicago, Pittsburgh, Philadelphia, etc. There are none better. I have a grand a grand flock to select from and can please you with Exhibition or Choice Breeding Birds. Special Sale Prices for November and December.

E. H. Lichtenwalter,

Box W,

Girard, Pa.

BONNIE BROOK POULTRY FARMS

Choice S. C. White Leghorn Cockerels for sale. Orders
booked now, for eggs for hatching, or day old
chicks. Get our Catalogue.

H. L. Davis, Mgr.,

Saratoga Springs, N. Y.



"Ringlet," 1st Prize and Champion Cockerel, 1st Prize Cock and 1st Prize Pen Cockerel at Madison Square Garden, New York, Winter 1910-1911.

The Three Greatest Living Barred Rock Males.

and 5th prizes on pullets has never been approached in Madison Square Garden and stands alone unequalled. 1,000 grand breeding cockerels for sale; elegant hens and pullets in any number. Show birds fit to win at any competition. Richly illustrated 70-page catalogue upon request; it is full of original pictures of New York winners from life.

EGGS from the World's Finest Exhibition Matings, \$10 per setting, four settings \$35; one hundred eggs, \$60.

E. B. Thompson

Lock Box 330,

Amenia, New York

ROYAL BLUE BARRED ROCKS

READY TO WIN For 30 years I have been breeding the winners at *New York, Boston, Philadelphia, Chicago, Buffalo, St. Louis, Topeka* and hundreds of other shows from Maine to Texas. I have never before had such a fine lot of early well matured show birds as this season.

At New York, December, 1911,

At the strongest show of Barred Rocks in America, *six out of eight of the winning cockerels* were bred and raised on my farm. My *first prize sweep-stake New York cockerel* was pronounced the *best ever exhibited*. I can sell you *sure winners* sired by these *New York Champions*.

AT BOSTON, 1912:—My *White Rocks* won 1st cockerel, 1st pen 2nd cock and *Championship Cup* for best male. *2000 choice breeding birds* for sale at honest prices. Catalogue of the *Champions Free*.

A. C. Hawkins,

Lock Box 30,

Lancaster, Mass.



LOOK HERE



If you desire a bird less expensive we can fill your wants at prices that will please you. Remember all our stock is line bred for years and even our utility birds have

The Blood of Conquerors in Their Veins

and will give you results you cannot expect from other stock. Our new book, telling you about our **WORLD'S BEST STRAIN OF WHITE WYANDOTTES**, our place and method of breeding and growing our stock, with full instructions for their care both in sickness and health, will be ready for mailing about Dec. 1st, 1912. Send 25c. in coin or stamps for a copy. Our illustrated price list is free for the asking, send for one today.

J. C. FISHEL & SON,

Box W,

HOPE, INDIANA

For over a quarter of a century we have devoted all our time and energy to the improving of pure bred poultry

THIS YEAR having purchased an adjoining farm we have had room to scatter our colony houses so that each flock has a wide range to work over. We have never had such growth before and now have any number of birds ready and fit for the show room.

We are already receiving reports from customers who have recently purchased some of

World's Best White Wyandottes

for the big fairs and early shows and they ARE WINNING AS USUAL wherever shown and in all classes. We can fit you out for any show and any kind of competition at reasonable prices, quality considered, for

WE HAVE HUNDREDS OF YOUNGSTERS.